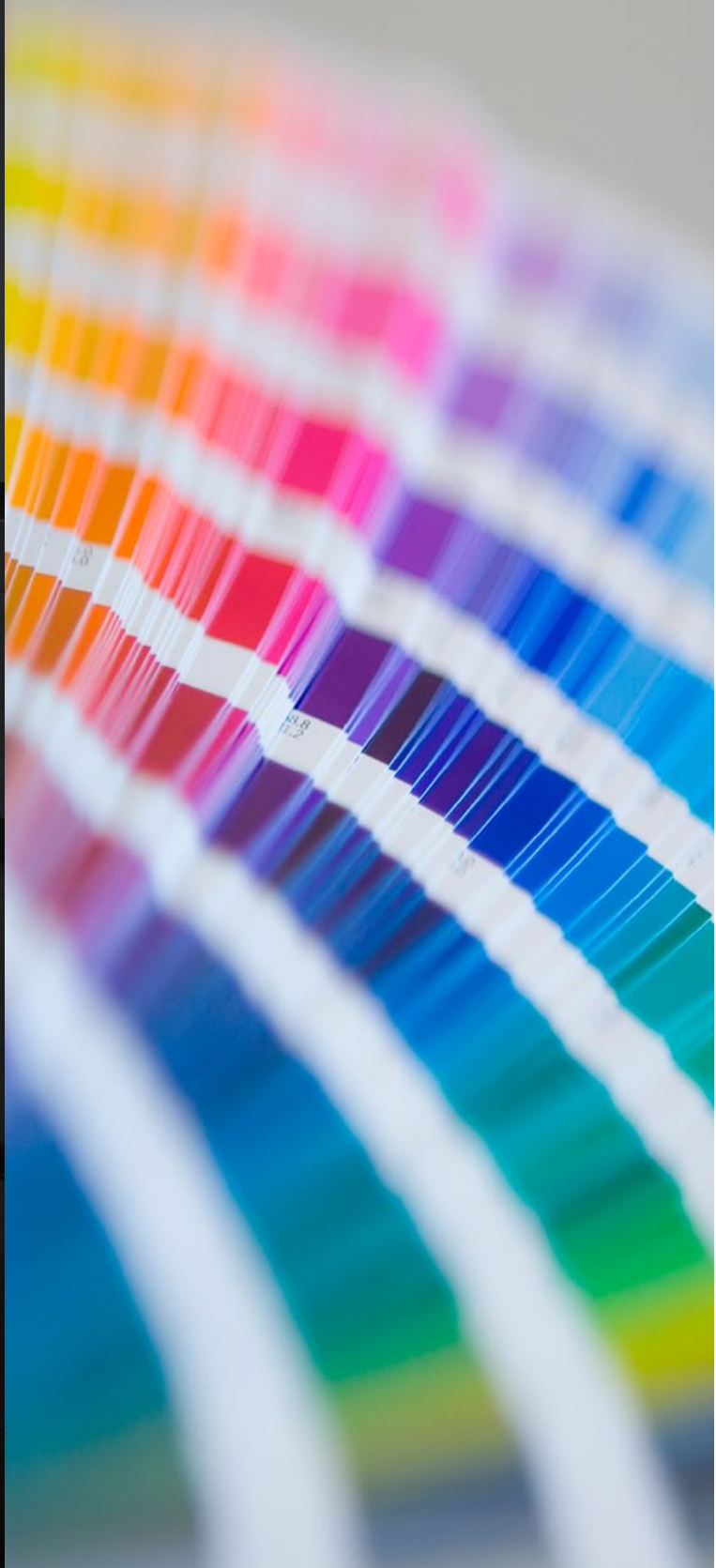




SHEDDING LIGHT ON LRV'S



Light Reflectance Values Explained



LIGHT REFLECTION VALUES



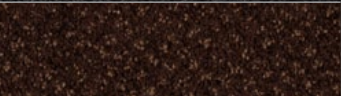
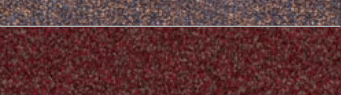
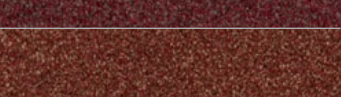
Over recent years there has been a growing awareness and understanding of the important roles that colour, lighting and contrast play in the creation of everyday environments that are not only visually stimulating, but which also enhance the usability of space.

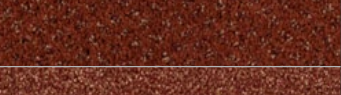
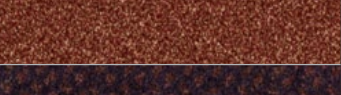
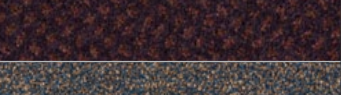
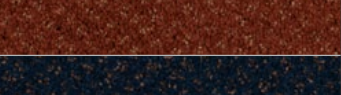
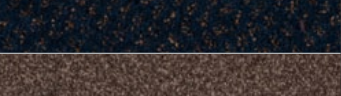
Light Reflectance Value (LRV), is a measure of the percentage of visible and usable light that is reflected from a surface when illuminated by a light source. It tells you how much light a colour reflects and conversely how much it absorbs. LRV runs on a scale from 0% to 100%. Zero is assumed to be absolute black and 100% a perfectly reflective white. LRV's are particularly important when designing interiors that are suitable for the disabled and for those who are visually impaired.

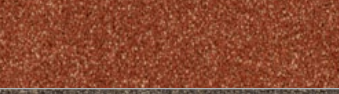
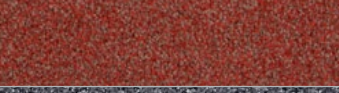
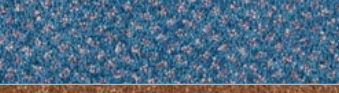
When identifying differences between adjacent colours, differences in the nature of the colour or its intensity are usually sufficient for people with good vision. For most partially sighted people however, differences in colour alone are not sufficient to determine visual contrast and they are more reliant on distinguishing visual differences by variations in the light reflectance value (LRV) of adjacent colours.

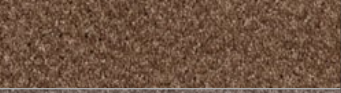
Current guidance and Code of Practice BS 8300:2009 state that adequate visual contrast is provided if the LRV of the contrasting areas differ by at least 30 points.

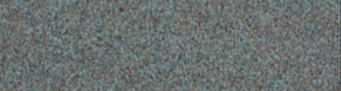
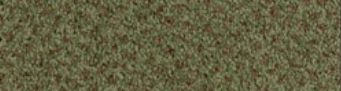
Considered use of colour can significantly improve a visually impaired person's way-finding ability. It can create pathways, identify obstacles and define volume and space helping to make the physical environment safer and easier to use. The majority of danfloor carpets have been tested for their LRV value in order to make the design process easier and are highlighted in numerical order within this booklet to aid you with product selection.

CARPET SWATCH	RANGE	CODE	COLOUR	LRV
	ECONOMIX	3890 278		3.83
	EQUINOX	3535 158	Mocha	4.65
	EQUINOX	3535 082	Night Sky	4.76
	EQUINOX TONES	3850 076	Charcoal	4.85
	ECONOMIX	3890 276		4.96
	EQUINOX TONES	3850 189	Spanish Violet	5.12
	EQUINOX	3535 196	Damson	5.30
	EQUINOX TONES	3850 197	Emperor Royal	5.31
	EQUINOX STRIPE	3557 198	Renaissance	5.37
	EQUINOX STRIPE	3557 186	Fair Seas	5.42
	ECONOMIX	3890 286		5.47
	EQUINOX TONES	3850 158	Mordant Red	5.68
	EQUINOX TONES	3850 196	Jazzberry	5.90
	EQUINOX STRIPE	3557 196	Horizon	5.94
	EQUINOX TONES	3850 150	Burnt Umber	5.95
	EQUINOX TONES	3850 085	Midnight	5.97
	ECONOMIX	3890 292		6.08
	EQUINOX TONES	3850 192	Scarlet Cup	6.30

CARPET SWATCH	RANGE	CODE	COLOUR	LRV
	EQUINOX	3535 190	Sunset Paradise	6.40
	EQUINOX TONES	3850 086	Holly Speckle	6.47
	EQUINOX TONES	3850 083	Blue Pouch	6.84
	ECONOMIX	3890 298		6.88
	EQUINOX TONES	3850 075	Evening Hue	6.99
	EQUINOX TONES	3850 088	Royal Volete	7.15
	EQUINOX	3535 113	Raspberry	7.31
	EQUINOX STRIPE	3557 113	Aurora	7.35
	EQUINOX	3535 177	Heather	7.58
	EQUINOX STRIPE	3557 074	Odyssey	7.95
	EQUINOX	3535 144	Fired Earth	8.06
	EQUINOX TONES	3850 190	Red Cage	8.17
	EQUINOX	3535 198	Mirage Glow	8.21
	EQUINOX TONES	3850 182	Ink Cap	8.26
	EQUINOX	3535 153	Henna	8.45
	EQUINOX	3535 186	Pearlised Blue	8.53
	ECONOMIX	3890 236		9.03
	ECONOMIX	3890 268		9.11

CARPET SWATCH	RANGE	CODE	COLOUR	LRV
	EQUINOX	3535 064	Jungle Fresh	9.13
	EQUINOX TONES	3850 195	Fuchsia	9.36
	EQUINOX STRIPE	3557 144	Calypso	9.36
	ECONOMIX	3890 284		9.41
	EQUINOX	3535 080	Deep Lagoon	9.57
	EQUINOX TONES	3850 191	Orchid Frost	9.71
	EQUINOX TONES	3850 065	Winter Green	9.82
	EQUINOX TONES	3850 198	Chanterelle	9.85
	EQUINOX TONES	3850 169	Pacific Storm	9.85
	EQUINOX TONES	3850 145	Birch Rust	10.24
	EQUINOX TONES	3850 073	Autumn Dusk	10.25
	EQUINOX STRIPE	3557 168	Oceanic	10.30
	ECONOMIX	3890 245		10.43
	EQUINOX	3537 070	Black Ash	10.67
	EQUINOX	3535 068	Turquoise	11.13
	EQUINOX	3535 081	Sparkling Lagoon	11.32
	EQUINOX TONES	3850 157	Marsh Honey	11.76
	EQUINOX	3535 062	Ocean Life	12.04

CARPET SWATCH	RANGE	CODE	COLOUR	LRV
	ECONOMIX	3890 264		12.36
	EQUINOX	3535 072	Dakota Grey	12.67
	EQUINOX	3535 152	Hessian	12.77
	EQUINOX TONES	3850 061	Moss Bell	13.15
	EQUINOX	3535 192	Rose	13.22
	ECONOMIX	3890 247		13.30
	EQUINOX	3535 155	Cajun Spice	13.92
	EQUINOX	3535 157	Desert Trail	13.98
	EQUINOX	3535 154	Linen	14.36
	ECONOMIX	3890 224		14.42
	ECONOMIX	3890 280		14.43
	EQUINOX	3535 119	Golden Sands	14.47
	EQUINOX	3535 117	Desert Storm	14.53
	EQUINOX STRIPE	3557 117	Galileo	14.57
	EQUINOX TONES	3850 030	Mushroom	14.93
	ECONOMIX	3890 272		14.97
	ECONOMIX	3890 297		15.09
	EQUINOX	3535 184	Flax Blue	15.34

CARPET SWATCH	RANGE	CODE	COLOUR	LRV
	EQUINOX TONES	3850 167	Coral Ocean	15.58
	ECONOMIX	3890 266		16.03
	EQUINOX	3535 166	Lichen	16.58
	EQUINOX TONES	3850 125	Sienna	17.48
	EQUINOX	3535 171	Lavander	17.72
	EQUINOX TONES	3850 056	Golden	17.81
	ECONOMIX	3890 222		18.10
	EQUINOX	3535 030	Dakota Beige	18.20
	EQUINOX STRIPE	3557 161	Legacy	18.69
	EQUINOX	3535 061	Savannah Grasses	19.36
	ECONOMIX	3890 260		19.59
	EQUINOX TONES	3850 166	Dawn Meadow	20.05
	EQUINOX STRIPE	3557 154	Arcadia	20.57
	EQUINOX	3535 175	Spring Dawn	21.01
	EQUINOX	3535 167	Willow	22.10
	EQUINOX	3535 174	French Blue	25.06
	EQUINOX TONES	3850 020	Beige	32.13
	EQUINOX TONES	3850 010	Cream	49.02

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