

# 10

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## MEADOW

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**Light Reflectance Value (LRV)** is the total quantity of visible and usable light that is reflected by a surface (e.g. flooring, walls, furniture, ...) in all directions and at all wavelengths when illuminated by a light source.

LRV is a measurement that indicates how much light a surface **reflects**, and conversely how much it **absorbs**. LRV runs on a scale from 0% to 100%, 0% being a perfectly absorbing surface (black) up to 100% being a perfectly reflective surface (white). Additional to the colour of the surface, structure and gloss are factors that influence the light reflectance value.

The **L-value**, which is the colour depth, is used to calculate visual contrast. However this should not be mixed up with the LRV as the L-value is significantly higher. This is tested in accordance with the **EN ISO 11664-4** standard.

### Light Reflectance Values

| COLOUR | LRV | L  |
|--------|-----|----|
| 102    | 26  | 58 |
| 216    | 20  | 52 |
| 224    | 21  | 53 |
| 395    | 5   | 27 |
| 517    | 10  | 38 |
| 579    | 6   | 28 |
| 683    | 10  | 37 |
| 831    | 12  | 42 |
| 832    | 6   | 30 |
| 901    | 25  | 57 |
| 908    | 12  | 41 |
| 965    | 3   | 21 |

squares can be circular too



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