

LRV (Light Reflectance Value)

What is LRV?

LRV, or Light Reflectance Value, refers to how light or dark will look on a scale of 0 (black) to 100 (white). The higher the LRV number is, the lighter the color is. The lower the LRV number is – the darker the color is.

Importance of LRV

What colours to use is important in public environments since there are a lot of regulations and requirements that need to be taken into consideration to make the place accessible for everyone. Clear signage and contrasting colours are important to meet accessibility requirements. To meet the needs and requirements of colours and clear signage, we follow the ISO 21542 standard. We are offering a standard colour combination that meets all requirements. Combinations of red tones and green tones should be avoided.

LRV in add-ons and parts

The right colour schemes and LRV should be applied to all the parts of an accessibility solution. Armrests, tables, and chargers should also be visible in contrasting colours.



Background colour: The colour of the whole configuration, the standard seats, should have a minimum difference in LRV of 30 points to the main colour.

Main colour: The main colour for the accessibility seat should contrast the background colour. The minimum difference in LRV is 30 points to the background colour.

Functions/obstacles: Parts that protrude and possible could be an obstacle, like an armrest or something with a clear function as a charger, should be visible by having a colour that is contrasting to both the background and the main colour. The minimum difference in LRV for small targets is 60 points from the background.



Our support

An important factor is to assess the contrast between different parts and add ons of the products and how these contrast to the surroundings, like the floor and walls. Our interior designers have the tools and knowledge to help combine the right colors and LRV for both. All to ensure that the accessibility solution is according to standards and supports the end user in the best possible way.