sensation scaling functions
lightness L^* and tristimulus value Y

adaptation on surround white W

$L^*_W = 100 \, (\, Y \, / \, 100\,)^{1/2,0}$

adaptation on surround grey U

$L^*_{IECsRGB} = 100 \, (\, Y \, / \, 100\,)^{1/2,4}$

description with CIELAB 1976

$L^*_{CIELAB} = 116 \, (\, Y \, / \, 100\,)^{1/3,0} - 16$

adaptation on surround black N

$L^*_N = 100 \, (\, Y \, / \, 100\,)^{1/3,0}$

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