

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(ECECEC) Hex(FFFFFF) Hex(757575) Hex(00B505) Hex(003601)

Hex(ECECEC)		Ratio: 1.18 Failed⁵	Ratio: 3.90 AA 18pt²	Ratio: 2.34 Failed⁵	Ratio: 11.63 Passed⁶
Hex(FFFFFF)	Ratio: 1.18 Failed⁵		Ratio: 4.61 AA¹ AAA 18pt⁴	Ratio: 2.76 Failed⁵	Ratio: 13.74 Passed⁶
Hex(757575)	Ratio: 3.90 AA 18pt²	Ratio: 4.61 AA¹ AAA 18pt⁴		Ratio: 1.67 Failed⁵	Ratio: 2.98 Failed⁵
Hex(00B505)	Ratio: 2.34 Failed⁵	Ratio: 2.76 Failed⁵	Ratio: 1.67 Failed⁵		Ratio: 4.98 AA¹ AAA 18pt⁴
Hex(003601)	Ratio: 11.63 Passed⁶	Ratio: 13.74 Passed⁶	Ratio: 2.98 Failed⁵	Ratio: 4.98 AA¹ AAA 18pt⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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