

Converting Colors - WCAG Matrix

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

Hex(ECECECE) Hex(FFFFFF) Hex(757575) Hex(1BB500) Hex(083600)

	Hex(ECECECE)	Hex(FFFFFF)	Hex(757575)	Hex(1BB500)	Hex(083600)
Hex(ECECECE)		Ratio: 1.18 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 11.56 Passed ⁶
Hex(FFFFFF)	Ratio: 1.18 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 2.74 Failed ⁵	Ratio: 13.65 Passed ⁶
Hex(757575)	Ratio: 3.90 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 1.68 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(1BB500)	Ratio: 2.32 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(083600)	Ratio: 11.56 Passed ⁶	Ratio: 13.65 Passed ⁶	Ratio: 2.96 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴	

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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