

Converting Colors - WCAG Matrix

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

Hex(DEDDDD) Hex(FFFFFF) Hex(DEDDE) Hex(808080) Hex(000000)

	Hex(DEDDDD)	Hex(FFFFFF)	Hex(DEDDE)	Hex(808080)	Hex(000000)
Hex(DEDDDD)		Ratio: 1.36 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 15.49 Passed ⁶
Hex(FFFFFF)	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 21.00 Passed ⁶
Hex(DEDDE)	Ratio: 1.00 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 15.50 Passed ⁶
Hex(808080)	Ratio: 2.91 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.92 Failed ⁵		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(000000)	Ratio: 15.49 Passed ⁶	Ratio: 21.00 Passed ⁶	Ratio: 15.50 Passed ⁶	Ratio: 5.32 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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