

Converting Colors - WCAG Matrix

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

Hex(DBDBDB) Hex(FFFFFF) Hex(6E6E6E) Hex(AD0085) Hex(2E0023)

	Hex(DBDBDB)	Hex(FFFFFF)	Hex(6E6E6E)	Hex(AD0085)	Hex(2E0023)
Hex(DBDBDB)		Ratio: 1.38 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 13.30 Passed ⁶
Hex(FFFFFF)	Ratio: 1.38 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 18.41 Passed ⁶
Hex(6E6E6E)	Ratio: 3.68 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴		Ratio: 1.32 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(AD0085)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(2E0023)	Ratio: 13.30 Passed ⁶	Ratio: 18.41 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.73 Failed ⁵	

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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