

Converting Colors - WCAG Matrix

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

Hex(7D0030) Hex(A37285) Hex(4B007D) Hex(523440) Hex(D1D1D1) Hex(525252)

	Hex(7D0030)	Hex(A37285)	Hex(4B007D)	Hex(523440)	Hex(D1D1D1)	Hex(525252)
Hex(7D0030)		Ratio: 2.77 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 1.40 Failed ⁵
Hex(A37285)	Ratio: 2.77 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(4B007D)	Ratio: 1.20 Failed ⁵	Ratio: 3.32 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 8.62 Passed ⁶	Ratio: 1.68 Failed ⁵
Hex(523440)	Ratio: 1.00 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 7.15 Passed ⁶	Ratio: 1.40 Failed ⁵
Hex(D1D1D1)	Ratio: 7.18 Passed ⁶	Ratio: 2.59 Failed ⁵	Ratio: 8.62 Passed ⁶	Ratio: 7.15 Passed ⁶		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.40 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.12 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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