

Converting Colors - WCAG Matrix

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

	Hex(798686)	Hex(606D6D)	Hex(485454)	Hex(323D3D)	Hex(1D2828)	Hex(041313)	Hex(000000)
Hex(798686)		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(606D6D)	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 3.91 AA 18pt ²
Hex(485454)	Ratio: 2.08 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(323D3D)	Ratio: 2.98 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(1D2828)	Ratio: 4.02 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(041313)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.11 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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