

Converting Colors - WCAG Matrix

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

Hex(79777D) Hex(A2A2A3) Hex(777A7D) Hex(515152) Hex(D1D1D1) Hex(525252)

Hex(79777D)		Ratio: 1.73 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(A2A2A3)	Ratio: 1.73 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(777A7D)	Ratio: 1.02 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(515152)	Ratio: 1.79 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(D1D1D1)	Ratio: 2.90 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.77 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.01 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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