

Converting Colors - WCAG Matrix

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

Hex(7E767E) Hex(A3A0A3) Hex(76767E) Hex(525052) Hex(D1D1D1) Hex(525252)

	Hex(7E767E)	Hex(A3A0A3)	Hex(76767E)	Hex(525052)	Hex(D1D1D1)	Hex(525252)
Hex(7E767E)		Ratio: 1.70 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(A3A0A3)	Ratio: 1.70 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(76767E)	Ratio: 1.03 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(525052)	Ratio: 1.82 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.77 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D1D1D1)	Ratio: 2.88 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.78 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 1.02 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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