

Converting Colors - WCAG Matrix

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

Hex(78767F) Hex(A3A2A6) Hex(767D7F) Hex(535254) Hex(D4D4D4) Hex(545454)

Hex(78767F)		Ratio: 1.76 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(A3A2A6)	Ratio: 1.76 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(767D7F)	Ratio: 1.07 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(535254)	Ratio: 1.74 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(D4D4D4)	Ratio: 3.02 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.69 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.11 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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