

Converting Colors - WCAG Matrix

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

Hex(6E806E) Hex(9FA69F) Hex(80806E) Hex(505450) Hex(D4D4D4) Hex(545454)

	Hex(6E806E)	Hex(9FA69F)	Hex(80806E)	Hex(505450)	Hex(D4D4D4)	Hex(545454)
Hex(6E806E)		Ratio: 1.69 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(9FA69F)	Ratio: 1.69 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(80806E)	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(505450)	Ratio: 1.83 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D4D4D4)	Ratio: 2.85 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.79 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.02 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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