

Converting Colors - WCAG Matrix

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

Hex(A489A4) Hex(D6CBD6) Hex(8989A4) Hex(6B656B) Hex(EBEBEB) Hex(6B6B6B)

	Hex(A489A4)	Hex(D6CBD6)	Hex(8989A4)	Hex(6B656B)	Hex(EBEBEB)	Hex(6B6B6B)
Hex(A489A4)		Ratio: 2.00 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(D6CBD6)	Ratio: 2.00 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(8989A4)	Ratio: 1.08 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(6B656B)	Ratio: 1.81 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.67 Failed ⁵		Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(EBEBEB)	Ratio: 2.63 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴		Ratio: 4.47 AA 18pt ²
Hex(6B6B6B)	Ratio: 1.70 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.47 AA 18pt ²	

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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