

Converting Colors - WCAG Matrix

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

Hex(8A788A) Hex(B3ABB3) Hex(78788A) Hex(595459) Hex(D9D9D9) Hex(595959)

	Hex(8A788A)	Hex(B3ABB3)	Hex(78788A)	Hex(595459)	Hex(D9D9D9)	Hex(595959)
Hex(8A788A)		Ratio: 1.83 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.81 Failed⁵	Ratio: 2.90 Failed⁵	Ratio: 1.71 Failed⁵
Hex(B3ABB3)	Ratio: 1.83 Failed⁵		Ratio: 1.94 Failed⁵	Ratio: 3.31 AA 18pt²	Ratio: 1.58 Failed⁵	Ratio: 3.13 AA 18pt²
Hex(78788A)	Ratio: 1.06 Failed⁵	Ratio: 1.94 Failed⁵		Ratio: 1.71 Failed⁵	Ratio: 3.07 AA 18pt²	Ratio: 1.62 Failed⁵
Hex(595459)	Ratio: 1.81 Failed⁵	Ratio: 3.31 AA 18pt²	Ratio: 1.71 Failed⁵		Ratio: 5.24 AA¹ AAA 18pt⁴	Ratio: 1.06 Failed⁵
Hex(D9D9D9)	Ratio: 2.90 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 3.07 AA 18pt²	Ratio: 5.24 AA¹ AAA 18pt⁴		Ratio: 4.96 AA¹ AAA 18pt⁴
Hex(595959)	Ratio: 1.71 Failed⁵	Ratio: 3.13 AA 18pt²	Ratio: 1.62 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 4.96 AA¹ AAA 18pt⁴	

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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