

Converting Colors - WCAG Matrix

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

Hex(8A4559) Hex(B3989F) Hex(75458A) Hex(59494E) Hex(D9D9D9) Hex(595959)

	Hex(8A4559)	Hex(B3989F)	Hex(75458A)	Hex(59494E)	Hex(D9D9D9)	Hex(595959)
Hex(8A4559)		Ratio: 2.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(B3989F)	Ratio: 2.57 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(75458A)	Ratio: 1.03 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(59494E)	Ratio: 1.24 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(D9D9D9)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.03 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.96 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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