

Converting Colors - WCAG Matrix

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

Hex(A591B1) Hex(E1DAE6) Hex(919DB1) Hex(706C73) Hex(F2F2F2) Hex(737373)

	Hex(A591B1)	Hex(E1DAE6)	Hex(919DB1)	Hex(706C73)	Hex(F2F2F2)	Hex(737373)
Hex(A591B1)		Ratio: 2.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E1DAE6)	Ratio: 2.11 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(919DB1)	Ratio: 1.05 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(706C73)	Ratio: 1.78 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(F2F2F2)	Ratio: 2.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.64 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.24 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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