

Converting Colors - WCAG Matrix

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

Hex(9EB100) Hex(DEE6A1) Hex(B11200) Hex(6E7349) Hex(F2F2F2) Hex(737373)

	Hex(9EB100)	Hex(DEE6A1)	Hex(B11200)	Hex(6E7349)	Hex(F2F2F2)	Hex(737373)
Hex(9EB100)		Ratio: 1.82 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(DEE6A1)	Ratio: 1.82 Failed ⁵		Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(B11200)	Ratio: 2.96 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 1.50 Failed ⁵
Hex(6E7349)	Ratio: 2.08 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(F2F2F2)	Ratio: 2.15 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.97 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.05 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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