

Converting Colors - WCAG Matrix

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

Hex(A6AD1D) Hex(DEE0A8) Hex(AD221D) Hex(6F704F) Hex(F0F0F0) Hex(707070)

	Hex(A6AD1D)	Hex(DEE0A8)	Hex(AD221D)	Hex(6F704F)	Hex(F0F0F0)	Hex(707070)
Hex(A6AD1D)		Ratio: 1.78 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(DEE0A8)	Ratio: 1.78 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(AD221D)	Ratio: 2.85 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 1.36 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵
Hex(6F704F)	Ratio: 2.10 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 4.49 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(F0F0F0)	Ratio: 2.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 2.03 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.35 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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