

Converting Colors - WCAG Matrix

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

Hex(A66D00) Hex(D9C298) Hex(A6003A) Hex(6E6046) Hex(EDEDED) Hex(6E6E6E)

	Hex(A66D00)	Hex(D9C298)	Hex(A6003A)	Hex(6E6046)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A66D00)		Ratio: 2.52 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(D9C298)	Ratio: 2.52 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(A6003A)	Ratio: 1.79 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 1.28 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵
Hex(6E6046)	Ratio: 1.40 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(EDEDED)	Ratio: 3.73 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.17 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.36 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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