

Converting Colors - WCAG Matrix

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

Hex(8F641F) Hex(BAAA8F) Hex(8F1F4C) Hex(5E5444) Hex(DEDEDE) Hex(5E5E5E)

	Hex(8F641F)	Hex(BAAA8F)	Hex(8F1F4C)	Hex(5E5444)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(8F641F)		Ratio: 2.30 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(BAAA8F)	Ratio: 2.30 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(8F1F4C)	Ratio: 1.62 Failed ⁵	Ratio: 3.74 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(5E5444)	Ratio: 1.42 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(DEDEDE)	Ratio: 3.89 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.24 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.82 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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