

Converting Colors - WCAG Matrix

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

Hex(8F3000) Hex(BA9482) Hex(8F005E) Hex(5E473D) Hex(DEDEDE) Hex(5E5E5E)

	Hex(8F3000)	Hex(BA9482)	Hex(8F005E)	Hex(5E473D)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(8F3000)		Ratio: 2.95 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(BA9482)	Ratio: 2.95 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(8F005E)	Ratio: 1.11 Failed ⁵	Ratio: 3.28 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵
Hex(5E473D)	Ratio: 1.06 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(DEDEDE)	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.25 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.32 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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