

Converting Colors - WCAG Matrix

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

Hex(F11407) Hex(D00000) Hex(AE0000) Hex(8D0000) Hex(6D0001) Hex(4F0004) Hex(4D0004)

	Hex(F11407)	Hex(D00000)	Hex(AE0000)	Hex(8D0000)	Hex(6D0001)	Hex(4F0004)	Hex(4D0004)
Hex(F11407)		Ratio: 1.32 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(D00000)	Ratio: 1.32 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(AE0000)	Ratio: 1.73 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(8D0000)	Ratio: 2.27 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(6D0001)	Ratio: 2.93 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(4F0004)	Ratio: 3.63 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(4D0004)	Ratio: 3.68 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	

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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