

Converting Colors - WCAG Matrix

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

Hex(800F0F) Hex(A60000) Hex(80460F) Hex(403939) Hex(800000) Hex(000000)

	Hex(800F0F)	Hex(A60000)	Hex(80460F)	Hex(403939)	Hex(800000)	Hex(000000)
Hex(800F0F)		Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(A60000)	Ratio: 1.32 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(80460F)	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(403939)	Ratio: 1.07 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(800000)	Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(000000)	Ratio: 1.99 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.92 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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