

Converting Colors - WCAG Matrix

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

Hex(86623D) Hex(6B4A26) Hex(523411) Hex(391E00) Hex(210800) Hex(000000)

	Hex(86623D)	Hex(6B4A26)	Hex(523411)	Hex(391E00)	Hex(210800)	Hex(000000)
Hex(86623D)		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.83 AA 18pt ²
Hex(6B4A26)	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(523411)	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(391E00)	Ratio: 2.82 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(210800)	Ratio: 3.48 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 3.83 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.10 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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