

Converting Colors - WCAG Matrix

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

Hex(0F3116) Hex(0B4016) Hex(0F3127) Hex(171A17) Hex(005912) Hex(00D92D)

	Hex(0F3116)	Hex(0B4016)	Hex(0F3127)	Hex(171A17)	Hex(005912)	Hex(00D92D)
Hex(0F3116)		Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.45 Passed ⁶
Hex(0B4016)	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(0F3127)	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.36 Passed ⁶
Hex(171A17)	Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(005912)	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(00D92D)	Ratio: 7.45 Passed ⁶	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 7.36 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 4.50 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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