

Converting Colors - WCAG Matrix

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

Hex(072208) Hex(022B04) Hex(072215) Hex(101210) Hex(005203) Hex(00D108)

Hex(072208)		Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 8.15 Passed ⁶
Hex(022B04)	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.50 Passed ⁶
Hex(072215)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(101210)	Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 9.07 Passed ⁶
Hex(005203)	Ratio: 1.78 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(00D108)	Ratio: 8.15 Passed ⁶	Ratio: 7.50 Passed ⁶	Ratio: 8.11 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 4.58 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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