

Converting Colors - WCAG Matrix

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

Hex(A30022) Hex(85000D) Hex(660000) Hex(490001) Hex(000000)

	Hex(A30022)	Hex(85000D)	Hex(660000)	Hex(490001)	Hex(000000)
Hex(A30022)		Ratio: 1.29 Failed⁵	Ratio: 1.65 Failed⁵	Ratio: 2.01 Failed⁵	Ratio: 2.58 Failed⁵
Hex(85000D)	Ratio: 1.29 Failed⁵		Ratio: 1.28 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 2.00 Failed⁵
Hex(660000)	Ratio: 1.65 Failed⁵	Ratio: 1.28 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.56 Failed⁵
Hex(490001)	Ratio: 2.01 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.28 Failed⁵
Hex(000000)	Ratio: 2.58 Failed⁵	Ratio: 2.00 Failed⁵	Ratio: 1.56 Failed⁵	Ratio: 1.28 Failed⁵	

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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