

Converting Colors - WCAG Matrix

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

Hex(A62459) Hex(890042) Hex(6C002C) Hex(500018) Hex(3D0003)

	Hex(A62459)	Hex(890042)	Hex(6C002C)	Hex(500018)	Hex(3D0003)
Hex(A62459)		Ratio: 1.41 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 2.23 Failed⁵	Ratio: 2.52 Failed⁵
Hex(890042)	Ratio: 1.41 Failed⁵		Ratio: 1.28 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.79 Failed⁵
Hex(6C002C)	Ratio: 1.80 Failed⁵	Ratio: 1.28 Failed⁵		Ratio: 1.24 Failed⁵	Ratio: 1.40 Failed⁵
Hex(500018)	Ratio: 2.23 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.24 Failed⁵		Ratio: 1.13 Failed⁵
Hex(3D0003)	Ratio: 2.52 Failed⁵	Ratio: 1.79 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.13 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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