

Converting Colors - WCAG Matrix

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

Hex(AA0028) Hex(DB0034) Hex(00AA2A) Hex(544C4E) Hex(940023) Hex(140005)

	Hex(AA0028)	Hex(DB0034)	Hex(00AA2A)	Hex(544C4E)	Hex(940023)	Hex(140005)
Hex(AA0028)		Ratio: 1.48 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(DB0034)	Ratio: 1.48 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(00AA2A)	Ratio: 2.48 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴
Hex(544C4E)	Ratio: 1.09 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.69 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940023)	Ratio: 1.20 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(140005)	Ratio: 2.65 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.21 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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