

Converting Colors - WCAG Matrix

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

Hex(343234) Hex(454144) Hex(343233) Hex(1A1819) Hex(590049) Hex(D900B2)

	Hex(343234)	Hex(454144)	Hex(343233)	Hex(1A1819)	Hex(590049)	Hex(D900B2)
Hex(343234)		Ratio: 1.27 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(454144)	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(343233)	Ratio: 1.00 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(1A1819)	Ratio: 1.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(590049)	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(D900B2)	Ratio: 2.78 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 3.02 AA 18pt ²	

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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