

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A30018) Hex(D40020) Hex(006DA3) Hex(52494B) Hex(910016) Hex(120003)

	Hex(A30018)	Hex(D40020)	Hex(006DA3)	Hex(52494B)	Hex(910016)	Hex(120003)
Hex(A30018)		Ratio: 1.49 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(D40020)	Ratio: 1.49 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(006DA3)	Ratio: 1.45 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(52494B)	Ratio: 1.07 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910016)	Ratio: 1.16 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(120003)	Ratio: 2.50 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.16 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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