

Converting Colors - WCAG Matrix

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

Hex(31027C) Hex(8370A1) Hex(024D7C) Hex(403452) Hex(D1D1D1) Hex(525252)

	Hex(31027C)	Hex(8370A1)	Hex(024D7C)	Hex(403452)	Hex(D1D1D1)	Hex(525252)
Hex(31027C)		Ratio: 3.35 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 9.61 Passed ⁶	Ratio: 1.88 Failed ⁵
Hex(8370A1)	Ratio: 3.35 AA 18pt ²		Ratio: 2.04 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(024D7C)	Ratio: 1.65 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(403452)	Ratio: 1.28 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 7.51 Passed ⁶	Ratio: 1.47 Failed ⁵
Hex(D1D1D1)	Ratio: 9.61 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.88 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	

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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