

Converting Colors - WCAG Matrix

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

Hex(7D1D7D) Hex(A30DA3) Hex(4D7D1D) Hex(403940) Hex(800080) Hex(000000)

	Hex(7D1D7D)	Hex(A30DA3)	Hex(4D7D1D)	Hex(403940)	Hex(800080)	Hex(000000)
Hex(7D1D7D)		Ratio: 1.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(A30DA3)	Ratio: 1.34 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(4D7D1D)	Ratio: 1.82 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(403940)	Ratio: 1.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800080)	Ratio: 1.05 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(000000)	Ratio: 2.34 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.23 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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