

Converting Colors - WCAG Matrix

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

Hex(E20076) Hex(FF0085) Hex(E20008) Hex(70656B) Hex(B0005C) Hex(300019)

	Hex(E20076)	Hex(FF0085)	Hex(E20008)	Hex(70656B)	Hex(B0005C)	Hex(300019)
Hex(E20076)		Ratio: 1.24 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(FF0085)	Ratio: 1.24 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(E20008)	Ratio: 1.06 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(70656B)	Ratio: 1.19 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B0005C)	Ratio: 1.50 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(300019)	Ratio: 3.94 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 2.63 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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