

Converting Colors - WCAG Matrix

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

Hex(DF92C2) Hex(FF96D8) Hex(DFD592) Hex(70656C) Hex(B0006E) Hex(30001E)

	Hex(DF92C2)	Hex(FF96D8)	Hex(DFD592)	Hex(70656C)	Hex(B0006E)	Hex(30001E)
Hex(DF92C2)		Ratio: 1.17 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 7.89 Passed ⁶
Hex(FF96D8)	Ratio: 1.17 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 9.27 Passed ⁶
Hex(DFD592)	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 12.30 Passed ⁶
Hex(70656C)	Ratio: 2.40 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.74 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(B0006E)	Ratio: 2.94 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(30001E)	Ratio: 7.89 Passed ⁶	Ratio: 9.27 Passed ⁶	Ratio: 12.30 Passed ⁶	Ratio: 3.29 AA 18pt ²	Ratio: 2.68 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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