

Converting Colors - WCAG Matrix

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

Hex(E975A4) Hex(FF66A4) Hex(DFE975) Hex(756A6E) Hex(B50049) Hex(360016)

	Hex(E975A4)	Hex(FF66A4)	Hex(DFE975)	Hex(756A6E)	Hex(B50049)	Hex(360016)
Hex(E975A4)		Ratio: 1.02 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 6.46 AA ¹ AAA 18pt ⁴
Hex(FF66A4)	Ratio: 1.02 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(DFE975)	Ratio: 2.13 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 3.97 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 13.74 Passed ⁶
Hex(756A6E)	Ratio: 1.87 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 3.97 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B50049)	Ratio: 2.47 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(360016)	Ratio: 6.46 AA ¹ AAA 18pt ⁴	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 13.74 Passed ⁶	Ratio: 3.46 AA 18pt ²	Ratio: 2.62 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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