

Converting Colors - WCAG Matrix

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

Hex(**FF96BA**) Hex(**FFE0EB**) Hex(**DA96FF**) Hex(**806E74**) Hex(**FFFFFF**) Hex(**808080**)

Hex(FF96BA)		Ratio: 1.66 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FFE0EB)	Ratio: 1.66 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(DA96FF)	Ratio: 1.05 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(806E74)	Ratio: 2.35 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(FFFFFF)	Ratio: 2.03 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 1.94 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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