

Converting Colors - WCAG Matrix

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

Hex(AB0756) Hex(FFFFFF) Hex(E75287) Hex(FF6EA2) Hex(FF8BBD) Hex(FFA7D8) Hex(FFC4F5) Hex(FFE1FF)

	Hex(AB0756)	Hex(FFFFFF)	Hex(E75287)	Hex(FF6EA2)	Hex(FF8BBD)	Hex(FFA7D8)	Hex(FFC4F5)	Hex(FFE1FF)
Hex(AB0756)		Ratio: 7.25 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.25 Passed ⁶		Ratio: 3.53 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(E75287)	Ratio: 2.06 Failed ⁵	Ratio: 3.53 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(FF6EA2)	Ratio: 2.76 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(FF8BBD)	Ratio: 3.34 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFA7D8)	Ratio: 4.06 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFC4F5)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFE1FF)	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 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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