

Converting Colors - WCAG Matrix

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

Hex(CC6EB6) Hex(FF70DE) Hex(CCB16E) Hex(665C64) Hex(A60080) Hex(26001D)

	Hex(CC6EB6)	Hex(FF70DE)	Hex(CCB16E)	Hex(665C64)	Hex(A60080)	Hex(26001D)
Hex(CC6EB6)		Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴
Hex(FF70DE)	Ratio: 1.33 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 7.84 Passed ⁶
Hex(CCB16E)	Ratio: 1.56 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 9.16 Passed ⁶
Hex(665C64)	Ratio: 1.97 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.07 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(A60080)	Ratio: 2.21 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(26001D)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 7.84 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 2.98 Failed ⁵	Ratio: 2.67 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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