

Converting Colors - WCAG Matrix

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

Hex(DCA8E0) Hex(F9B3FF) Hex(E0A8C9) Hex(6F6570) Hex(A200B0) Hex(2D0030)

	Hex(DCA8E0)	Hex(F9B3FF)	Hex(E0A8C9)	Hex(6F6570)	Hex(A200B0)	Hex(2D0030)
Hex(DCA8E0)		Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 9.29 Passed ⁶
Hex(F9B3FF)	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 11.19 Passed ⁶
Hex(E0A8C9)	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 9.20 Passed ⁶
Hex(6F6570)	Ratio: 2.84 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.81 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(A200B0)	Ratio: 3.39 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(2D0030)	Ratio: 9.29 Passed ⁶	Ratio: 11.19 Passed ⁶	Ratio: 9.20 Passed ⁶	Ratio: 3.27 AA 18pt ²	Ratio: 2.74 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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