

Converting Colors - WCAG Matrix

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

	Hex(D98FBE)	Hex(BD75A3)	Hex(A15B89)	Hex(86426F)	Hex(6C2A57)	Hex(52113F)	Hex(390029)	Hex(240015)	Hex(000000)
Hex(D98FBE)		Ratio: 1.38 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶	Ratio: 7.94 Passed ⁶	Ratio: 8.62 Passed ⁶
Hex(BD75A3)	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴
Hex(A15B89)	Ratio: 1.97 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 4.37 AA 18pt ²
Hex(86426F)	Ratio: 2.85 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(6C2A57)	Ratio: 4.09 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(52113F)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(390029)	Ratio: 7.15 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(240015)	Ratio: 7.94 Passed ⁶	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 8.62 Passed ⁶	Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 4.37 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 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.

This PDF was generated on convertingcolors.com.