

Converting Colors - WCAG Matrix

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

	Hex(F7DBE3)	Hex(F7C2D1)	Hex(F7AAC0)	Hex(F791AE)	Hex(F7789C)	Hex(F75F8B)	Hex(F74779)	Hex(F72E67)	Hex(F71556)	Hex(F70047)
Hex(F7DBE3)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.21 AA 18pt ²
Hex(F7C2D1)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(F7AAC0)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(F791AE)	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(F7789C)	Ratio: 1.99 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(F75F8B)	Ratio: 2.33 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F74779)	Ratio: 2.64 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(F72E67)	Ratio: 2.92 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(F71556)	Ratio: 3.12 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(F70047)	Ratio: 3.21 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AAA 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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