

Converting Colors - WCAG Matrix

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

	Hex(F6A9B6)	Hex(F690A2)	Hex(F6788D)	Hex(F65F79)	Hex(F64764)	Hex(F62E50)	Hex(F6153B)	Hex(F6002A)
Hex(F6A9B6)		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(F690A2)	Ratio: 1.20 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: 1.90 Failed ⁵
Hex(F6788D)	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(F65F79)	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(F64764)	Ratio: 1.88 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(F62E50)	Ratio: 2.08 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(F6153B)	Ratio: 2.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(F6002A)	Ratio: 2.28 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 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

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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