

Converting Colors - WCAG Matrix

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

	Hex(F62C51)	Hex(F64565)	Hex(F65D79)	Hex(F6768D)	Hex(F68EA1)	Hex(F6A7B5)	Hex(F6C0CA)	Hex(F6D8DE)	Hex(F6F1F2)	Hex(F6FFFF)
Hex(F62C51)		Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.83 AA 18pt ²
Hex(F64565)	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.47 AA 18pt ²
Hex(F65D79)	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(F6768D)	Ratio: 1.46 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(F68EA1)	Ratio: 1.72 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(F6A7B5)	Ratio: 2.06 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(F6C0CA)	Ratio: 2.47 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(F6D8DE)	Ratio: 2.93 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(F6F1F2)	Ratio: 3.48 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(F6FFFF)	Ratio: 3.83 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 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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