

Converting Colors - WCAG Matrix

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

Hex(BD647B) Hex(F56C8F) Hex(64BD79) Hex(5E5557) Hex(9E0028) Hex(1F0008)

	Hex(BD647B)	Hex(F56C8F)	Hex(64BD79)	Hex(5E5557)	Hex(9E0028)	Hex(1F0008)
Hex(BD647B)		Ratio: 1.41 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(F56C8F)	Ratio: 1.41 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴
Hex(64BD79)	Ratio: 1.73 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 8.57 Passed ⁶
Hex(5E5557)	Ratio: 1.81 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.12 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0028)	Ratio: 2.12 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.34 Failed ⁵
Hex(1F0008)	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 8.57 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.34 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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