

Converting Colors - WCAG Matrix

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

Hex(BD60BB) Hex(F564F2) Hex(60BD90) Hex(5E555E) Hex(9E009B) Hex(1F001E)

	Hex(BD60BB)	Hex(F564F2)	Hex(60BD90)	Hex(5E555E)	Hex(9E009B)	Hex(1F001E)
Hex(BD60BB)		Ratio: 1.44 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(F564F2)	Ratio: 1.44 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 7.42 Passed ⁶
Hex(60BD90)	Ratio: 1.65 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.13 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 8.52 Passed ⁶
Hex(5E555E)	Ratio: 1.89 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.00 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E009B)	Ratio: 1.90 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.00 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(1F001E)	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 7.42 Passed ⁶	Ratio: 8.52 Passed ⁶	Ratio: 2.73 Failed ⁵	Ratio: 2.72 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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