

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EB5DA7) Hex(FF45A6) Hex(EBE65D) Hex(756A70) Hex(B5005E) Hex(36001C)

Hex(EB5DA7)		Ratio: 1.00 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(FF45A6)	Ratio: 1.00 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(EBE65D)	Ratio: 2.41 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 3.95 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 13.64 Passed ⁶
Hex(756A70)	Ratio: 1.64 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.95 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(B5005E)	Ratio: 2.13 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(36001C)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 13.64 Passed ⁶	Ratio: 3.45 AA 18pt ²	Ratio: 2.66 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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