

Converting Colors - WCAG Matrix

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

Hex(AB467E) Hex(8F2B65) Hex(730A4D) Hex(580037) Hex(3F0021) Hex(260008) Hex(000000)

Hex(AB467E)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.91 AA 18pt ²
Hex(8F2B65)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(730A4D)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(580037)	Ratio: 2.66 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(3F0021)	Ratio: 3.17 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(260008)	Ratio: 3.60 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 3.91 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 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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