

Converting Colors - WCAG Matrix

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

	Hex(B3617D)	Hex(B34F70)	Hex(B33D66)	Hex(B32B59)	Hex(B31A4F)	Hex(B30842)	Hex(B3003D)
Hex(B3617D)		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(B34F70)	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(B33D66)	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(B32B59)	Ratio: 1.45 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B31A4F)	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(B30842)	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(B3003D)	Ratio: 1.65 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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