

Converting Colors - WCAG Matrix

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

	Hex(B60015)	Hex(B61225)	Hex(B62435)	Hex(B63745)	Hex(B64955)	Hex(B65B65)	Hex(B66D76)	Hex(B67F86)	Hex(B69296)	Hex(B6A4A6)
Hex(B60015)		Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(B61225)	Ratio: 1.03 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(B62435)	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(B63745)	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(B64955)	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(B65B65)	Ratio: 1.56 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(B66D76)	Ratio: 1.81 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(B67F86)	Ratio: 2.12 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(B69296)	Ratio: 2.51 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(B6A4A6)	Ratio: 2.95 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 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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