

Converting Colors - WCAG Matrix

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

	Hex(B35400)	Hex(B35E12)	Hex(B36624)	Hex(B37036)	Hex(B37A47)	Hex(B38259)	Hex(B38C6B)	Hex(B3967D)	Hex(B3A18F)	Hex(B3A8A1)
Hex(B35400)		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(B35E12)	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(B36624)	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(B37036)	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(B37A47)	Ratio: 1.38 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(B38259)	Ratio: 1.49 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(B38C6B)	Ratio: 1.64 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(B3967D)	Ratio: 1.81 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(B3A18F)	Ratio: 2.01 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(B3A8A1)	Ratio: 2.16 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 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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