

Converting Colors - WCAG Matrix

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

	Hex(3B2F32)	Hex(3B3536)	Hex(3B3B3B)	Hex(3B413F)	Hex(3B4744)	Hex(3B4D48)	Hex(3B524D)	Hex(3B5851)	Hex(3B5E55)	Hex(3B645A)
Hex(3B2F32)		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(3B3536)	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(3B3B3B)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(3B413F)	Ratio: 1.23 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(3B4744)	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(3B4D48)	Ratio: 1.43 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(3B524D)	Ratio: 1.53 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(3B5851)	Ratio: 1.65 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(3B5E55)	Ratio: 1.78 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(3B645A)	Ratio: 1.93 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 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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