

Converting Colors - WCAG Matrix

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

	Hex(332F32)	Hex(333433)	Hex(333935)	Hex(333E36)	Hex(334337)	Hex(334938)	Hex(334E3A)	Hex(33533B)	Hex(33583C)	Hex(335D3D)
Hex(332F32)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(333433)	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(333935)	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(333E36)	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(334337)	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(334938)	Ratio: 1.35 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(334E3A)	Ratio: 1.44 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(33533B)	Ratio: 1.53 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(33583C)	Ratio: 1.63 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(335D3D)	Ratio: 1.74 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 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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