

Converting Colors - WCAG Matrix

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

Hex(252824) Hex(2E332D) Hex(242825) Hex(131412) Hex(155400) Hex(35D400)

	Hex(252824)	Hex(2E332D)	Hex(242825)	Hex(131412)	Hex(155400)	Hex(35D400)
Hex(252824)		Ratio: 1.16 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 7.51 Passed ⁶
Hex(2E332D)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(242825)	Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.52 Passed ⁶
Hex(131412)	Ratio: 1.24 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 9.30 Passed ⁶
Hex(155400)	Ratio: 1.63 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(35D400)	Ratio: 7.51 Passed ⁶	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶	Ratio: 9.30 Passed ⁶	Ratio: 4.60 AA ¹ AAA 18pt ⁴	

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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