

Converting Colors - WCAG Matrix

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

	Hex(E2C5B6)	Hex(E2B69F)	Hex(E2A789)	Hex(E29872)	Hex(E2895C)	Hex(E27B45)	Hex(E26C2E)	Hex(E25D18)	Hex(E24E01)	Hex(E24D00)
Hex(E2C5B6)		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(E2B69F)	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(E2A789)	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(E29872)	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(E2895C)	Ratio: 1.62 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(E27B45)	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(E26C2E)	Ratio: 2.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(E25D18)	Ratio: 2.22 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E24E01)	Ratio: 2.42 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(E24D00)	Ratio: 2.44 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 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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