

Converting Colors - WCAG Matrix

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

	Hex(E5B3C8)	Hex(E59CBB)	Hex(E585AE)	Hex(E56EA1)	Hex(E55794)	Hex(E54087)	Hex(E52A7A)	Hex(E5136C)	Hex(E50062)
Hex(E5B3C8)		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(E59CBB)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(E585AE)	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(E56EA1)	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(E55794)	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(E54087)	Ratio: 2.14 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(E52A7A)	Ratio: 2.35 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E5136C)	Ratio: 2.50 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(E50062)	Ratio: 2.58 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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