

Converting Colors - WCAG Matrix

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

	Hex(CEBEC1)	Hex(CEA9B0)	Hex(CE95A0)	Hex(CE808F)	Hex(CE6C7E)	Hex(CE576D)	Hex(CE425D)	Hex(CE2E4C)	Hex(CE193B)	Hex(CE052A)
Hex(CEBEC1)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.20 AA 18pt ²
Hex(CEA9B0)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(CE95A0)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(CE808F)	Ratio: 1.65 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(CE6C7E)	Ratio: 1.94 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(CE576D)	Ratio: 2.26 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(CE425D)	Ratio: 2.58 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(CE2E4C)	Ratio: 2.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(CE193B)	Ratio: 3.07 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(CE052A)	Ratio: 3.20 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 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

Failed 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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