

Converting Colors - WCAG Matrix

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

	Hex(00E5DB)	Hex(17E5DD)	Hex(2EE5DB)	Hex(45E5DD)	Hex(5CE5DF)	Hex(73E5E1)	Hex(89E5E1)	Hex(A0E5E3)	Hex(B7E5E1)	Hex(CEE5E3)
Hex(00E5DB)		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(17E5DD)	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(2EE5DB)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(45E5DD)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(5CE5DF)	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(73E5E1)	Ratio: 1.06 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(89E5E1)	Ratio: 1.09 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(A0E5E3)	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(B7E5E1)	Ratio: 1.16 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(CEE5E3)	Ratio: 1.20 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 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

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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