

Converting Colors - WCAG Matrix

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

Hex(E3E3E3) Hex(FAE3E9) Hex(FFE3F0) Hex(FFE3F7) Hex(FFE3FD) Hex(FFE3FF)

Hex(E3E3E3)		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FAE3E9)	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFE3F0)	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFE3F7)	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFE3FD)	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFE3FF)	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 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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