

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(5AE667)	Hex(70E67C)	Hex(87E691)	Hex(9EE6A5)	Hex(B5E6BA)	Hex(CCE6CF)	Hex(E3E6E3)	Hex(FAE6F8)	Hex(FFE6FF)
Hex(5AE667)		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(70E67C)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(87E691)	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(9EE6A5)	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(B5E6BA)	Ratio: 1.16 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(CCE6CF)	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(E3E6E3)	Ratio: 1.29 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FAE6F8)	Ratio: 1.37 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFE6FF)	Ratio: 1.39 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 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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