

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(59B359)	Hex(6BB36B)	Hex(7DB37D)	Hex(8FB38F)	Hex(A1B3A1)	Hex(B2B3B2)	Hex(C4B3C4)	Hex(D6B3D6)	Hex(E8B3E8)	Hex(FAB3FA)
Hex(59B359)		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(6BB36B)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(7DB37D)	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(8FB38F)	Ratio: 1.12 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: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(A1B3A1)	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(B2B3B2)	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(C4B3C4)	Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(D6B3D6)	Ratio: 1.41 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(E8B3E8)	Ratio: 1.50 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FAB3FA)	Ratio: 1.61 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 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.