

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(B6B5AB) Hex(EDEBDA) Hex(B2B6AB) Hex(5C5B53) Hex(9C8E00) Hex(1C1A00)**

	Hex(B6B5AB)	Hex(EDEBDA)	Hex(B2B6AB)	Hex(5C5B53)	Hex(9C8E00)	Hex(1C1A00)
Hex(B6B5AB)		<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.31</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 8.51</a> <a href="#">Passed</a> <sup>6</sup>
Hex(EDEBDA)	<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.69</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 2.78</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 14.61</a> <a href="#">Passed</a> <sup>6</sup>
Hex(B2B6AB)	<a href="#">Ratio: 1.00</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.72</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 3.31</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 8.50</a> <a href="#">Passed</a> <sup>6</sup>
Hex(5C5B53)	<a href="#">Ratio: 3.31</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 5.69</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.31</a> <a href="#">AA 18pt</a> <sup>2</sup>		<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.57</a> <a href="#">Failed</a> <sup>5</sup>
Hex(9C8E00)	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.78</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.62</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.04</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 5.25</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(1C1A00)	<a href="#">Ratio: 8.51</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 14.61</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 8.50</a> <a href="#">Passed</a> <sup>6</sup>	<a href="#">Ratio: 2.57</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.25</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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