

# Converting Colors - WCAG Matrix

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

Hex(3B728D) Hex(98ADB8) Hex(3B8D55) Hex(49565C) Hex(DBDBDB) Hex(5C5C5C)

	Hex(3B728D)	Hex(98ADB8)	Hex(3B8D55)	Hex(49565C)	Hex(DBDBDB)	Hex(5C5C5C)
Hex(3B728D)		<a href="#">Ratio: 2.26</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.44</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.81</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <sup>5</sup>
Hex(98ADB8)	<a href="#">Ratio: 2.26</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.76</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.25</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.87</a> <a href="#">Failed</a> <sup>5</sup>
Hex(3B8D55)	<a href="#">Ratio: 1.29</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.76</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.85</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.96</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.63</a> <a href="#">Failed</a> <sup>5</sup>
Hex(49565C)	<a href="#">Ratio: 1.44</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.25</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.85</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 5.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>
Hex(DBDBDB)	<a href="#">Ratio: 3.81</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.96</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.48</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 4.83</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(5C5C5C)	<a href="#">Ratio: 1.27</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.87</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.63</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.83</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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