

# Converting Colors - WCAG Matrix

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

Hex(ABB5BA) Hex(DAE9F2) Hex(ABADBA) Hex(555B5E) Hex(00659E) Hex(00131F)

	Hex(ABB5BA)	Hex(DAE9F2)	Hex(ABADBA)	Hex(555B5E)	Hex(00659E)	Hex(00131F)
Hex(ABB5BA)		<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.00</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 9.03</a> Passed <sup>6</sup>
Hex(DAE9F2)	<a href="#">Ratio: 1.68</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 5.04</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 15.20</a> Passed <sup>6</sup>
Hex(ABADBA)	<a href="#">Ratio: 1.07</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 8.46</a> Passed <sup>6</sup>
Hex(555B5E)	<a href="#">Ratio: 3.30</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.09</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.74</a> Failed <sup>5</sup>
Hex(00659E)	<a href="#">Ratio: 3.00</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.04</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.10</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</sup>
Hex(00131F)	<a href="#">Ratio: 9.03</a> Passed <sup>6</sup>	<a href="#">Ratio: 15.20</a> Passed <sup>6</sup>	<a href="#">Ratio: 8.46</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.74</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.01</a> AA 18pt <sup>2</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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