

# Converting Colors - WCAG Matrix

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

Hex(2D4540) Hex(505957) Hex(32452D) Hex(282E2D) Hex(ADADAD) Hex(2E2E2E)

	Hex(2D4540)	Hex(505957)	Hex(32452D)	Hex(282E2D)	Hex(ADADAD)	Hex(2E2E2E)
Hex(2D4540)		<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.34</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.59</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>
Hex(505957)	<a href="#">Ratio: 1.43</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.44</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.91</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.22</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 1.88</a> <a href="#">Failed</a> <sup>5</sup>
Hex(32452D)	<a href="#">Ratio: 1.01</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.44</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 4.62</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.31</a> <a href="#">Failed</a> <sup>5</sup>
Hex(282E2D)	<a href="#">Ratio: 1.34</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.91</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.33</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 6.16</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>
Hex(ADADAD)	<a href="#">Ratio: 4.59</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.22</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 4.62</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.16</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>		<a href="#">Ratio: 6.05</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(2E2E2E)	<a href="#">Ratio: 1.32</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.88</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.31</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.02</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.05</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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