

Converting Colors

CIELCh(51, 9.324, 246.543)

Have a look what the booklet for
CIELCh(51, 9.324, 246.543) contains.

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Color

CIELCh(51, 9.497, 246.605)

Conversions

Conversions Part 1

Format	Color
Hex	6A7C88
RGB	106, 124, 136
RGB Percent	42%, 49%, 53%
CMY	0.5842, 0.5136, 0.4665
CMYK	0.22, 0.09, 0.00, 0.47
HSL	204°, 12%, 47%
HSV	204°, 22%, 53%
XYZ	17.6061, 19.2686, 26.0967
YIQ	119.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

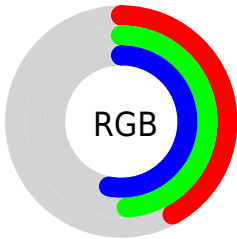
Format	Color
RYB	106, 117, 136
Decimal	6978696
CIELab	51.00, -3.77, -8.72
CIELCh	51, 9.497, 246.605
Yxy	19.2686, 0.2796, 0.3060
Android (android.graphics.Color)	4285168776 (0xFF6A7C88)
YUV	119.9860, 7.8949, -12.2657
Hunter-Lab	43.8960, -5.2239, -4.5214

Details

The CIELCh color **51, 9.497, 246.605** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 10.417, 61.710**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 9.407, 248.284**, and **31, 9.429, 247.092** is the 20% darker color. If you saturate the color by 10%, you get **48, 13.570, 248.223**, and if you desaturate by 10%, it is **54, 5.267, 245.276**.

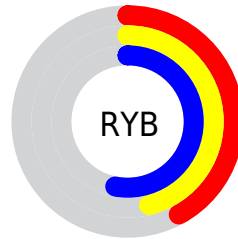
Distribution



Red (42%)

Green (49%)

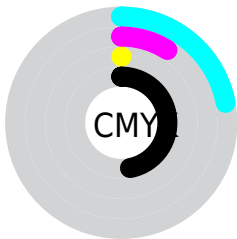
Blue (53%)



Red (42%)

Yellow (46%)

Blue (53%)

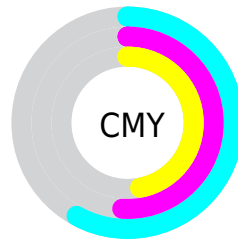


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 9.497, 246.605 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 51, 9.497, 246.605 by changing the saturation by 10% instead.

■ 51, 9.497, 246.605

■ 51, 9.497, 246.605

■ 100, 9.497,
246.605

■ 41, 9.497, 246.605

■ 71, 9.497, 246.605

■ 31, 9.497, 246.605

■ 81, 9.497, 246.605

■ 21, 9.497, 246.605

■ 91, 9.497, 246.605

■ 11, 9.497, 246.605

■ 1, 9.497, 246.605

■ 0, 9.497, 246.605

■ 51, 9.497, 246.605

■ 51, 9.497, 246.605

■ 48, 13.570,
248.223

■ 54, 5.267, 245.276

■ 56, 0.911, 244.459

46, 17.455,
250.198

59, 3.539, 63.064

44, 21.127,
252.592

61, 8.060, 62.334

41, 24.573,
255.472

64, 12.628, 61.687

39, 27.802,
258.893

67, 17.224, 61.131

37, 30.855,
262.876

70, 21.835, 60.653

35, 33.806,
267.373

72, 26.446, 60.238

33, 36.208,
270.955

75, 31.048, 59.877

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51, 9.497, 246.605



51, 10.417, 61.710

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 9.497, 246.605



51, 9.497, 296.605



51, 9.497, 66.605



51, 9.497, 116.605

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51, 9.497, 246.598



70, 3.799, 244.744



54, 15.993, 156.146



36, 2.486, 244.791



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 9.497, 246.598



64, 13.713, 247.291



47, 15.731, 287.621



28, 2.500, 244.950



33, 35.476, 270.821



1, 1.174, 243.901

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48, 16.042, 340.304



60, 23.376, 340.693



55, 15.171, 102.697



27, 4.106, 339.256



28, 54.044, 351.968



0, 1.889, 338.626

Previews

White Background



This preview shows how the CIELCh color 51, 9.497, 246.605 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 51, 9.497, 246.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

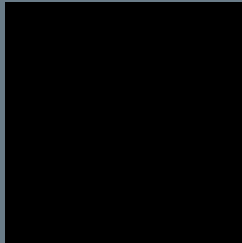
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

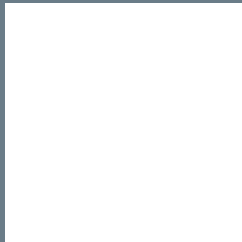
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 9.497, 246.605

Background



This preview shows how black text looks on a background with the CIELCh color 51, 9.497, 246.605.

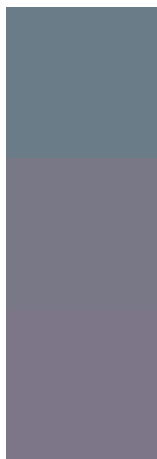


This preview shows how white text looks on a background with the CIELCh color 51, 9.497, 246.605.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

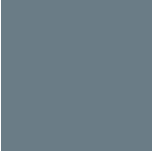
51, 9.497, 246.605

Protanopia

51, 8.173, 291.227

Deuteranopia

51, 11.463, 305.070



Tritanopia
51, 8.743, 240.906

Trichromacy



Original Color
51, 9.497, 246.605

Protanomaly
51, 8.426, 275.622

Deuteranomaly
51, 9.938, 287.095

Tritanomaly
51, 9.110, 243.870

Monochromacy



Original Color
51, 9.497, 246.605

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 3.705, 251.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 9.497, 246.605 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(106, 124, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 124, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 9.497, 246.605 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 124, 136) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 124, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(106, 124,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 9.497, 246.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 124, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
124, 136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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