

Converting Colors

CIELCh(50, 39.731, 284.766)

Have a look what the booklet for
CIELCh(50, 39.731, 284.766)
contains.

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Color

CIELCh(50, 39.465, 284.434)

Conversions

Conversions Part 1

Format	Color
Hex	5C75B8
RGB	92, 117, 184
RGB Percent	36%, 46%, 72%
CMY	0.6397, 0.5416, 0.2789
CMYK	0.50, 0.36, 0.00, 0.28
HSL	224°, 39%, 54%
HSV	224°, 50%, 72%
XYZ	19.3860, 18.4187, 47.8087
YIQ	117.1630, -36.4070, 15.5370

Conversions

Conversions Part 2

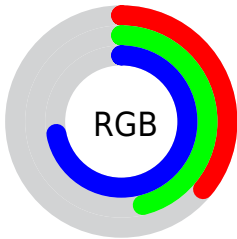
Format	Color
R _Y B	92, 112, 184
Decimal	6059448
CIE Lab	50.00, 9.84, -38.22
CIE LCh	50, 39.465, 284.434
Yxy	18.4187, 0.2264, 0.2151
Android (android.graphics.Color)	4284249528 (0xFF5C75B8)
YUV	117.1630, 32.9506, -22.0680
Hunter-Lab	42.9170, 5.5254, -36.0061

Details

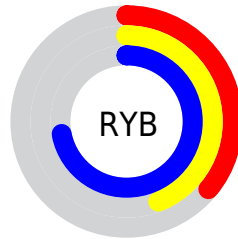
The CIELCh color **50, 39.465, 284.434** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **66, 38.140, 89.418**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 39.158, 284.233**, and **30, 39.921, 284.741** is the 20% darker color. If you saturate the color by 10%, you get **45, 48.007, 287.077**, and if you desaturate by 10%, it is **55, 31.173, 282.133**.

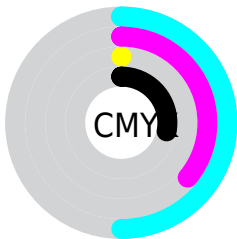
Distribution



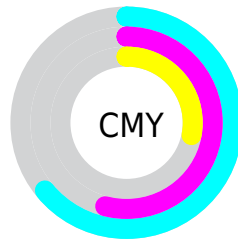
- Red (36%)
- Green (46%)
- Blue (72%)



- Red (36%)
- Yellow (44%)
- Blue (72%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (28%)





- Cyan (64%)
- Magenta (54%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 39.465, 284.434 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 50, 39.465, 284.434 by changing the saturation by 10% instead.


 50, 39.465,
284.434


 50, 39.465,
284.434


 100, 39.465,
284.434

 40, 39.465,
284.434


 70, 39.465,
284.434

 30, 39.465,
284.434


 80, 39.465,
284.434


 20, 39.465,
284.434

 90, 39.465,
284.434

 10, 39.465,
284.434

 0, 39.465, 284.434

 50, 39.465,
284.434

 50, 39.465,
284.434

45, 48.007,
287.077

55, 31.173,
282.133

41, 56.818,
290.045

60, 23.105,
280.153

36, 65.863,
293.264

65, 15.236,
278.458

32, 74.979,
296.577

70, 7.549, 277.014

29, 83.778,
299.664

75, 0.034, 281.347

80, 7.318, 94.628

85, 14.511, 93.700

89, 21.549, 92.882

94, 28.189, 93.960

Harmonies

Complementary

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



50, 39.465, 284.434



66, 38.140, 89.418

Rectangle

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



50, 39.465, 284.434



50, 39.465, 334.434



50, 39.465, 104.434



50, 39.465, 154.434

Sweetspot

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



50, 39.464, 284.435



85, 14.076, 277.737



69, 34.146, 171.811



44, 9.620, 278.046



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



50, 39.464, 284.435



58, 59.598, 287.352



45, 55.078, 303.161



36, 4.254, 276.922



24, 73.094, 299.244



2, 12.420, 280.588

Inverse Universe

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



51, 39.936, 4.683



60, 59.075, 7.291



71, 48.781, 115.430



36, 4.262, 358.757



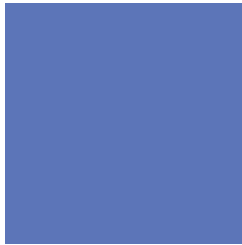
32, 61.185, 22.774



2, 11.113, 3.342

Previews

White Background



This preview shows how the CIE LCh color 50, 39.465, 284.434 looks on a white background.

Color Contrast Check

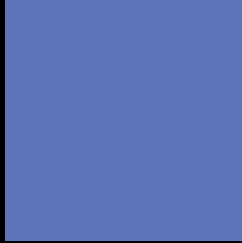
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 39.465, 284.434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

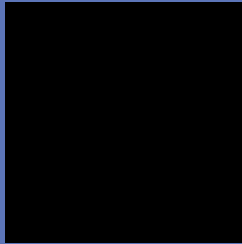
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

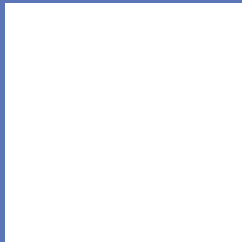
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 39.465, 284.434

Background



This preview shows how black text looks on a background with the CIELCh color 50, 39.465, 284.434.

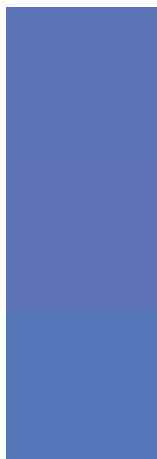


This preview shows how white text looks on a background with the CIELCh color 50, 39.465, 284.434.

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


50, 39.465, 284.434

Protanopia

50, 39.410, 285.632

Deuteranopia

50, 39.197, 281.174



Tritanopia
50, 17.648, 217.336

Trichromacy



Original Color
50, 39.465, 284.434

Protanomaly
50, 39.445, 285.250

Deuteranomaly
50, 39.105, 281.883

Tritanomaly
50, 21.837, 255.409

Monochromacy



Original Color
50, 39.465, 284.434

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 14.364, 278.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 39.465, 284.434 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(92, 117, 184)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 184)  
}
```

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(92, 117, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 39.465, 284.434 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(92, 117, 184) }
```

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

```
.border{ border-color:rgb(92, 117, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 117, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 184);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 39.465, 284.434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 184) }
```

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

```
.background{ background-color: rgb(92, 117,  
184) }
```

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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