

Converting Colors

CIELCh(50, 22.373, 285.064)

Have a look what the booklet for
CIELCh(50, 22.373, 285.064)
contains.

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Color

CIELCh(50, 22.373, 285.064)

Conversions

Conversions Part 1

Format	Color
Hex	6C759B
RGB	108, 117, 155
RGB Percent	42%, 46%, 61%
CMY	0.5748, 0.5395, 0.3904
CMYK	0.30, 0.24, 0.00, 0.39
HSL	229°, 19%, 52%
HSV	229°, 30%, 61%
XYZ	18.6019, 18.4187, 33.7831
YIQ	118.6410, -17.5620, 9.9100

Conversions

Conversions Part 2

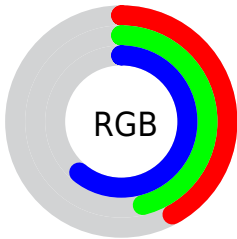
Format	Color
R_{YB}	108, 116, 155
Decimal	7107995
CIE _{Lab}	50.00, 5.81, -21.60
CIE _{LCh}	50, 22.373, 285.064
Yxy	18.4187, 0.2627, 0.2601
Android (android.graphics.Color)	4285298075 (0xFF6C759B)
YUV	118.6410, 17.9250, -9.3322
Hunter-Lab	42.9170, 2.2644, -16.6297

Details

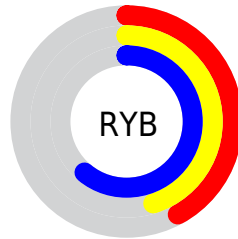
The CIELCh color $50, 22.373, 285.064$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $61, 21.570, 97.494$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 22.595, 284.729$, and $30, 22.545, 285.426$ is the 20% darker color. If you saturate the color by 10%, you get $45, 30.245, 286.906$, and if you desaturate by 10%, it is $55, 14.751, 283.482$.

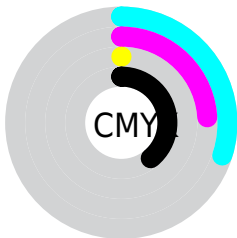
Distribution



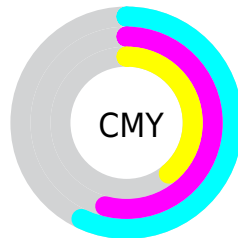
- Red (42%)
- Green (46%)
- Blue (61%)



- Red (42%)
- Yellow (45%)
- Blue (61%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (39%)





- Cyan (57%)
- Magenta (54%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 22.373, 285.064 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, 22.373, 285.064 by changing the saturation by 10% instead.


 50, 22.373,
285.064


 50, 22.373,
285.064


 100, 22.373,
285.064


 40, 22.373,
285.064


 70, 22.373,
285.064

 30, 22.373,
285.064


 80, 22.373,
285.064

 20, 22.373,
285.064

 90, 22.373,
285.064

 10, 22.373,
285.064

 0, 22.373, 285.064

 50, 22.373,
285.064

 50, 22.373,
285.064

45, 30.245,
286.906

55, 14.751,
283.482

41, 38.392,
289.040

59, 7.360, 282.132

64, 0.182, 281.643

36, 46.828,
291.474

69, 6.797, 99.919

32, 55.530,
294.179

73, 13.588, 99.054

78, 20.199, 98.293

28, 64.371,
297.057

82, 26.640, 97.624

24, 73.015,
299.925

87, 32.917, 97.034

21, 80.700,
302.377

91, 39.037, 96.509

Harmonies

Complementary

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



50, 22.373, 285.064



61, 21.570, 97.494

Rectangle

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



50, 22.373, 285.064



50, 22.373, 335.064



50, 22.373, 105.064



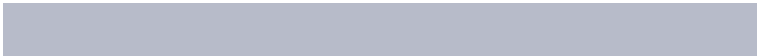
50, 22.373, 155.064

Sweetspot

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



50, 22.372, 285.063



76, 7.974, 282.000



61, 17.925, 180.508



40, 5.595, 282.169



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



50, 22.372, 285.063



60, 33.225, 286.220



49, 28.240, 303.808



30, 4.002, 282.005



19, 74.271, 302.139



1, 4.291, 281.110

Inverse Universe

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



51, 20.235, 7.188



62, 30.131, 8.160



62, 26.615, 120.085



30, 3.546, 4.681



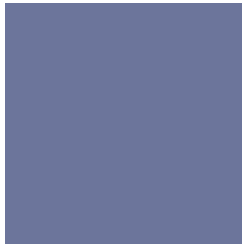
29, 59.214, 28.768



1, 3.740, 4.160

Previews

White Background



This preview shows how the CIELCh color 50, 22.373, 285.064 looks on a white background.

Color Contrast Check

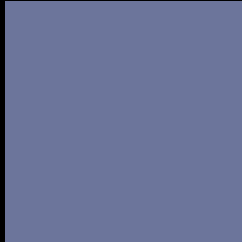
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 22.373, 285.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

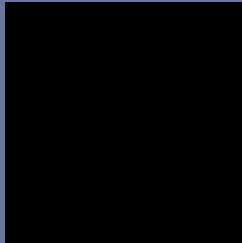
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

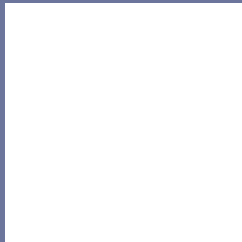
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 22.373, 285.064

Background



This preview shows how black text looks on a background with the CIELCh color 50, 22.373, 285.064.



This preview shows how white text looks on a background with the CIELCh color 50, 22.373, 285.064.

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

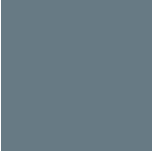
50, 22.373, 285.064

Protanopia

50, 22.338, 285.919

Deuteranopia

50, 22.885, 287.033



Tritanopia
50, 9.029, 239.418

Trichromacy



Original Color
50, 22.373, 285.064

Protanomaly
50, 22.338, 285.919

Deuteranomaly
50, 22.915, 286.196

Tritanomaly
50, 13.263, 267.648

Monochromacy



Original Color
50, 22.373, 285.064

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 8.257, 283.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 22.373, 285.064 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(108, 117, 155)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 155)  
}
```

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(108, 117, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 22.373, 285.064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

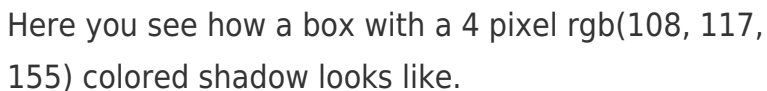
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 117, 155) }
```

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

```
.border{ border-color:rgb(108, 117, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 117, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 155);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 22.373, 285.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 155) }
```

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

```
.background{ background-color: rgb(108,  
117, 155) }
```

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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