

Converting Colors

CIELCh(50, 66.147, 292.055)

Have a look what the booklet for
CIELCh(50, 66.147, 292.055)
contains.

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Color

CIELCh(50, 65.763, 291.920)

Conversions

Conversions Part 1

Format	Color
Hex	516FE0
RGB	81, 111, 224
RGB Percent	32%, 44%, 88%
CMY	0.6836, 0.5656, 0.1227
CMYK	0.64, 0.50, 0.00, 0.12
HSL	227°, 70%, 60%
HSV	227°, 64%, 88%
XYZ	22.4410, 18.4187, 72.6956
YIQ	114.9120, -54.1530, 28.7830

Conversions

Conversions Part 2

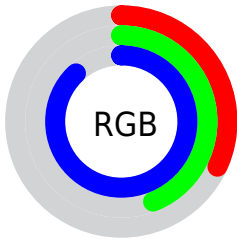
Format	Color
R _Y B	81, 106, 224
Decimal	5337056
CIE Lab	50.00, 24.55, -61.01
CIE LCh	50, 65.763, 291.920
Yxy	18.4187, 0.1976, 0.1622
Android (android.graphics.Color)	4283527136 (0xFF516FE0)
YUV	114.9120, 53.7804, -29.7408
Hunter-Lab	42.9170, 18.2319, -70.3875

Details

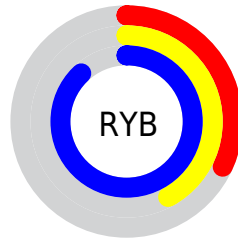
The CIELCh color **50, 65.763, 291.920** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **79, 59.069, 91.946**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 51.152, 289.104**, and **31, 65.620, 293.425** is the 20% darker color. If you saturate the color by 10%, you get **44, 77.298, 294.871**, and if you desaturate by 10%, it is **56, 54.541, 289.229**.

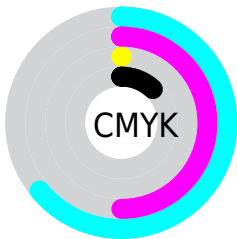
Distribution



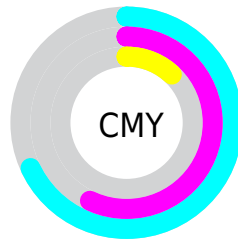
- Red (32%)
- Green (44%)
- Blue (88%)



- Red (32%)
- Yellow (42%)
- Blue (88%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)
- Black (12%)





- Cyan (68%)
- Magenta (57%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 65.763, 291.920 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, 65.763, 291.920 by changing the saturation by 10% instead.


 50, 65.763,
291.920


 50, 65.763,
291.920


 100, 65.763,
291.920


 40, 65.763,
291.920


 70, 65.763,
291.920

 30, 65.763,
291.920


 80, 65.763,
291.920


 20, 65.763,
291.920

 90, 65.763,
291.920

 10, 65.763,
291.920

 0, 65.763, 291.920

 50, 65.763,
291.920

 50, 65.763,
291.920

■ 44, 77.298,
294.871

■ 56, 54.541,
289.229

■ 39, 88.888,
297.933

■ 62, 43.698,
286.853

■ 35, 99.926,
300.870

■ 68, 33.223,
284.798

■ 33, 105.968,
302.425

■ 74, 23.083,
283.038

■ 80, 13.249,
281.537

■ 87, 3.696, 280.282

■ 93, 5.595, 99.095

■ 99, 14.422,
104.871

■ 99, 15.822,
108.982

Harmonies

Complementary

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



50, 65.763, 291.920



79, 59.069, 91.946

Rectangle

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



50, 65.763, 291.920



50, 65.763, 341.920



50, 65.763, 111.920



50, 65.763, 161.920

Sweetspot

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



50, 65.763, 291.921



87, 20.235, 282.288



81, 45.641, 175.051



44, 13.985, 282.731



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 65.763, 291.921



49, 89.989, 295.979



46, 83.718, 306.493



44, 5.380, 280.940



25, 87.329, 302.000



4, 27.081, 290.992

Inverse Universe

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



55, 59.374, 13.163



57, 77.694, 18.159



84, 71.654, 117.773



44, 4.905, 3.296



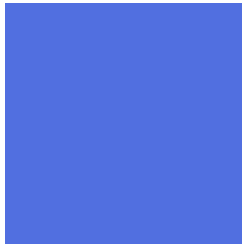
37, 69.761, 28.456



6, 25.281, 12.035

Previews

White Background



This preview shows how the CIELCh color 50, 65.763, 291.920 looks on a white background.

Color Contrast Check

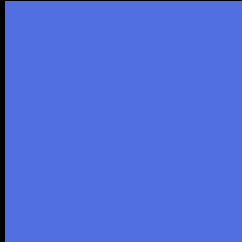
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 65.763, 291.920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

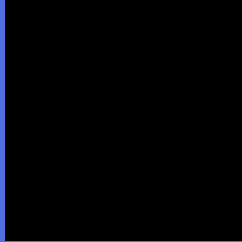
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 65.763, 291.920

Background



This preview shows how black text looks on a background with the CIELCh color 50, 65.763, 291.920.



This preview shows how white text looks on a background with the CIELCh color 50, 65.763, 291.920.

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](#).

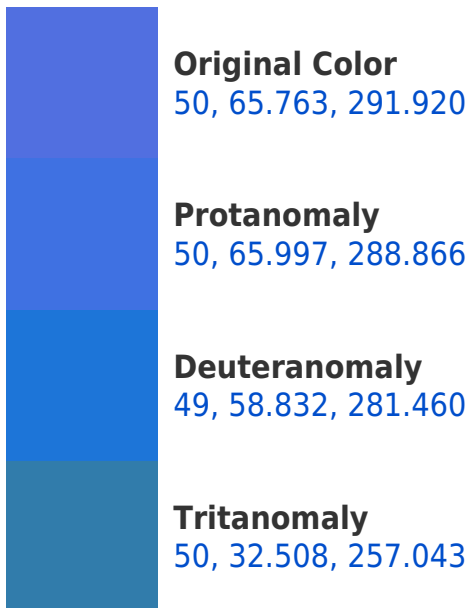
Dichromacy





Tritanopia
50, 27.335, 209.368

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 65.763, 291.920 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(81, 111, 224)` looks like.

```
.text, #text, p{  
    color:rgb(81, 111, 224)  
}
```

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(81, 111, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 111, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 65.763, 291.920 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(81, 111, 224) }
```

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

```
.border{ border-color:rgb(81, 111, 224) }
```

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

Here you see how a box with a 4 pixel rgb(81, 111, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 111, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 111, 224);  
box-shadow:4px 4px 4px 4px rgb(81, 111,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 65.763, 291.920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 111, 224) }
```

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

```
.background{ background-color: rgb(81, 111,  
224) }
```

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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