

Converting Colors

CIELCh(51, 91.334, 302.248)

Have a look what the booklet for
CIELCh(51, 91.334, 302.248)
contains.

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Color

CIELCh(51, 90.684, 302.165)

Conversions

Conversions Part 1

Format	Color
Hex	7161FF
RGB	113, 97, 255
RGB Percent	44%, 38%, 100%
CMY	0.5570, 0.6197, 0.0002
CMYK	0.56, 0.62, 0.00, 0.00
HSL	246°, 100%, 69%
HSV	246°, 62%, 100%
XYZ	29.1197, 19.2686, 96.7592
YIQ	119.7960, -41.1820, 52.5300

Conversions

Conversions Part 2

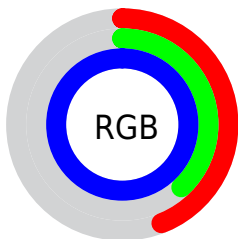
Format	Color
R _Y B	113, 97, 255
Decimal	7430655
CIE Lab	51.00, 48.28, -76.77
CIE LCh	51, 90.684, 302.165
Yxy	19.2686, 0.2006, 0.1328
Android (android.graphics.Color)	4285620735 (0xFF7161FF)
YUV	119.7960, 66.6556, -5.9601
Hunter-Lab	43.8960, 41.5951, -99.9646

Details

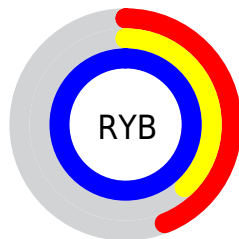
The CIELCh color **51, 90.684, 302.165** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **96, 75.524, 109.398**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 59.032, 303.174**, and **31, 90.645, 302.168** is the 20% darker color. If you saturate the color by 10%, you get **44, 105.979, 303.854**, and if you desaturate by 10%, it is **58, 74.913, 300.469**.

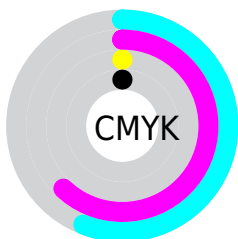
Distribution



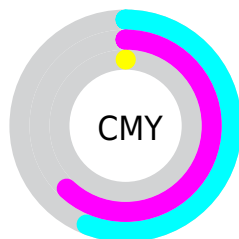
- Red (44%)
- Green (38%)
- Blue (100%)



- Red (44%)
- Yellow (38%)
- Blue (100%)



- Cyan (56%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (62%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 90.684, 302.165 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, 90.684, 302.165 by changing the saturation by 10% instead.


 51, 90.684,
302.165


 51, 90.684,
302.165


 100, 90.684,
302.165


 41, 90.684,
302.165


 71, 90.684,
302.165

 31, 90.684,
302.165

 81, 90.684,
302.165

 21, 90.684,
302.165

 91, 90.684,
302.165

 11, 90.684,
302.165

 1, 90.684, 302.165

 0, 90.684, 302.165

51, 90.684,
302.165

51, 90.684,
302.165

44, 105.979,
303.854

58, 74.913,
300.469

38, 119.424,
305.307

66, 59.358,
298.893

35, 129.007,
306.234

74, 44.298,
297.488

33, 133.236,
306.547

82, 29.818,
296.266

90, 15.919,
295.217

98, 2.575, 294.329

100, 0.008,
100.564

Harmonies

Complementary

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



51, 90.684, 302.165



96, 75.524, 109.398

Rectangle

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



51, 90.684, 302.165



51, 90.684, 352.165



51, 90.684, 122.165



51, 90.684, 172.165

Sweetspot

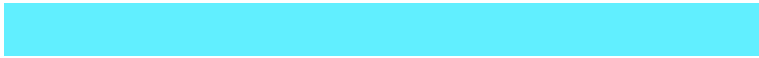
The Sweet Spot groups the original color and five complimentary colors.



51, 90.684, 302.166



85, 25.637, 295.938



88, 38.491, 209.628



43, 17.748, 296.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 90.684, 302.166



43, 108.933, 304.178



59, 90.113, 315.127



49, 7.527, 294.983



23, 107.214, 306.612



4, 44.362, 303.740

Inverse Universe

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



67, 86.611, 330.908



63, 97.407, 331.535



92, 84.231, 129.689



50, 8.450, 327.840



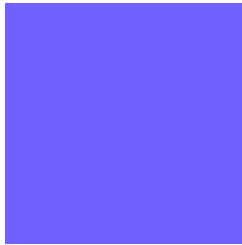
44, 85.961, 332.734



12, 39.926, 332.139

Previews

White Background



This preview shows how the CIELCh color 51, 90.684, 302.165 looks on a white background.

Color Contrast Check

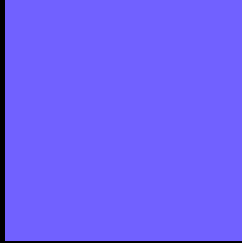
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.684, 302.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

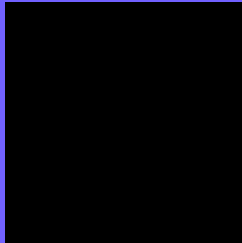
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 90.684, 302.165

Background



This preview shows how black text looks on a background with the CIELCh color 51, 90.684, 302.165.

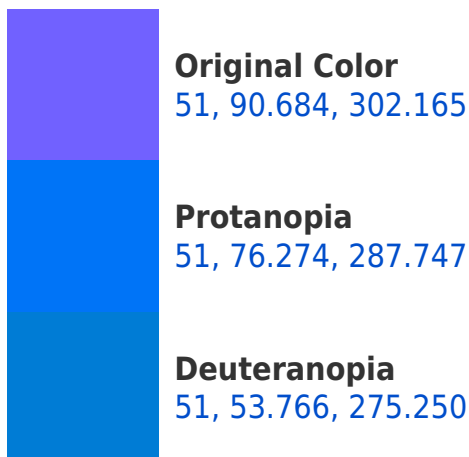


This preview shows how white text looks on a background with the CIELCh color 51, 90.684, 302.165.

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
51, 19.923, 214.782

Trichromacy



Original Color
51, 90.684, 302.165



Protanomaly
50, 81.900, 291.870



Deuteranomaly
50, 66.882, 286.584



Tritanomaly
50, 38.047, 280.877

Monochromacy



Original Color
51, 90.684, 302.165



Achromatopsia
50, 0.007, 296.813



Achromatomaly
50, 33.508, 297.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 90.684, 302.165 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(113, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 97, 255)  
}
```

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(113, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 97, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 90.684, 302.165 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(113, 97, 255) }
```

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

```
.border{ border-color:rgb(113, 97, 255) }
```

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

Here you see how a box with a 4 pixel rgb(113, 97, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(113, 97,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 90.684, 302.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 97, 255) }
```

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

```
.background{ background-color: rgb(113, 97,  
255) }
```

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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