

Converting Colors

CIELCh(61, 65.144, 291.017)

Have a look what the booklet for
CIELCh(61, 65.144, 291.017)
contains.

CIELCh(61, 65.144, 291.017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 65.144, 291.017)

Conversions

Conversions Part 1

Format	Color
Hex	708BFF
RGB	112, 139, 255
RGB Percent	44%, 55%, 100%
CMY	0.5595, 0.4538, 0.0000
CMYK	0.56, 0.45, 0.00, 0.00
HSL	229°, 100%, 72%
HSV	229°, 56%, 100%
XYZ	34.0932, 29.2481, 98.7135
YIQ	144.1510, -53.3280, 30.3520

Conversions

Conversions Part 2

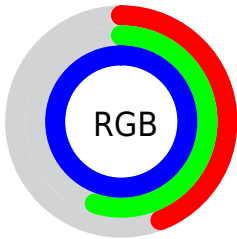
Format	Color
RYB	112, 135, 255
Decimal	7375871
CIELab	61.00, 23.36, -60.81
CIElCh	61, 65.144, 291.017
Yxy	29.2481, 0.2104, 0.1805
Android (android.graphics.Color)	4285565951 (0xFF708BFF)
YUV	144.1510, 54.6486, -28.1964
Hunter-Lab	54.0815, 17.8843, -70.3633

Details

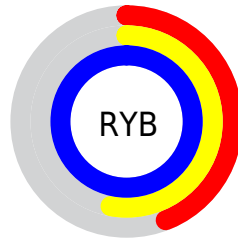
The CIELCh color **61, 65.144, 291.017** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **91, 59.088, 94.367**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.062, 282.739**, and **41, 64.591, 290.798** is the 20% darker color. If you saturate the color by 10%, you get **54, 77.957, 293.714**, and if you desaturate by 10%, it is **68, 52.429, 288.552**.

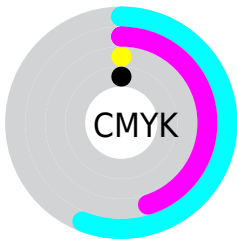
Distribution



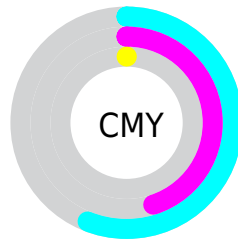
- Red (44%)
- Green (55%)
- Blue (100%)



- Red (44%)
- Yellow (53%)
- Blue (100%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.144, 291.017 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 61, 65.144, 291.017 by changing the saturation by 10% instead.


 61, 65.144,
291.017


 61, 65.144,
291.017


 100, 65.144,
291.017


 51, 65.144,
291.017


 81, 65.144,
291.017

 41, 65.144,
291.017

 91, 65.144,
291.017

 31, 65.144,
291.017

 21, 65.144,
291.017

 11, 65.144,
291.017

 1, 65.144, 291.017

 0, 65.144, 291.017

■ 61, 65.144,
291.017

■ 61, 65.144,
291.017

■ 54, 77.957,
293.714

■ 68, 52.429,
288.552

■ 48, 91.207,
296.657

■ 75, 40.326,
286.440

■ 43, 104.256,
299.625

■ 82, 28.640,
284.631

■ 38, 116.142,
302.343

■ 89, 17.335,
283.088

■ 37, 120.344,
303.272

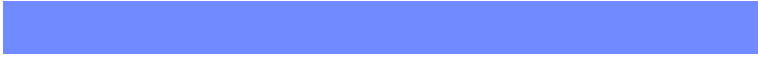
■ 96, 6.377, 281.786

■ 100, 0.012,
296.813

Harmonies

Complementary

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



61, 65.144, 291.017



91, 59.088, 94.367

Rectangle

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



61, 65.144, 291.017



61, 65.144, 341.017



61, 65.144, 111.017



61, 65.144, 161.017

Sweetspot

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



61, 64.978, 290.983



88, 18.504, 283.239



92, 45.322, 177.473



45, 12.415, 283.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 64.978, 290.983



54, 79.340, 294.015



58, 81.097, 306.211



49, 6.121, 282.221



27, 95.578, 302.854



6, 38.057, 297.929

Inverse Universe

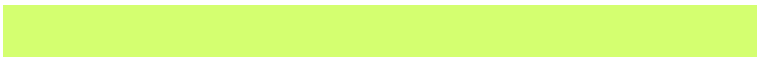
The Inverse Universe completely reimagines the original color for something new.



66, 58.024, 12.648



61, 69.185, 15.999



95, 71.274, 118.720



50, 5.409, 4.932



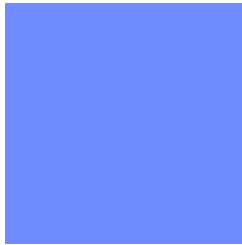
40, 75.499, 30.420



10, 32.050, 19.283

Previews

White Background



This preview shows how the CIELCh color 61, 65.144, 291.017 looks on a white background.

Color Contrast Check

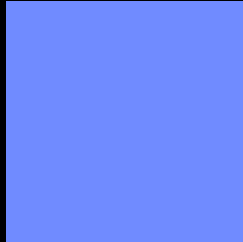
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 65.144, 291.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

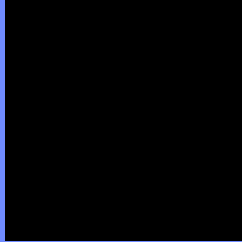
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 65.144, 291.017

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.144, 291.017.



This preview shows how white text looks on a background with the CIELCh color 61, 65.144, 291.017.

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

61, 65.144, 291.017

Protanopia

61, 63.181, 286.602

Deuteranopia

61, 60.299, 279.296



Tritanopia
61, 24.711, 214.880

Trichromacy



Original Color
61, 65.144, 291.017

Protanomaly
61, 63.604, 288.046

Deuteranomaly
61, 61.914, 283.333

Tritanomaly
60, 32.437, 261.944

Monochromacy



Original Color
61, 65.144, 291.017

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 23.896, 284.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.144, 291.017 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(112, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 139, 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(112, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 139, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.144, 291.017 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(112, 139, 255) }
```

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

```
.border{ border-color:rgb(112, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 139,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.144, 291.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 139, 255) }
```

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

```
.background{ background-color: rgb(112,  
139, 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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