

Converting Colors

CIELCh(62, 61.533, 288.685)

Have a look what the booklet for
CIELCh(62, 61.533, 288.685)
contains.

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Color

CIELCh(62, 61.687, 288.807)

Conversions

Conversions Part 1

Format	Color
Hex	6F90FE
RGB	111, 144, 254
RGB Percent	44%, 56%, 100%
CMY	0.5655, 0.4360, 0.0047
CMYK	0.56, 0.43, 0.00, 0.00
HSL	226°, 98%, 71%
HSV	226°, 56%, 100%
XYZ	34.3337, 30.4025, 97.6577
YIQ	146.6730, -54.9780, 27.2140

Conversions

Conversions Part 2

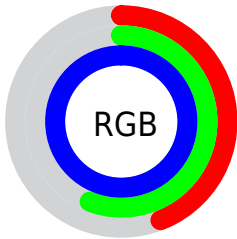
Format	Color
R _Y B	111, 138, 254
Decimal	7311614
CIE Lab	62.00, 19.89, -58.39
CIE LCh	62, 61.687, 288.807
Yxy	30.4025, 0.2114, 0.1872
Android (android.graphics.Color)	4285501694 (0xFF6F90FE)
YUV	146.6730, 52.9122, -31.2852
Hunter-Lab	55.1385, 14.6563, -66.4136

Details

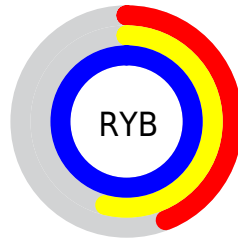
The CIELCh color **62, 61.687, 288.807** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **89, 57.356, 91.423**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.666, 278.198**, and **42, 62.058, 289.018** is the 20% darker color. If you saturate the color by 10%, you get **56, 73.836, 291.654**, and if you desaturate by 10%, it is **69, 49.935, 286.286**.

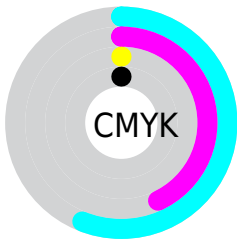
Distribution



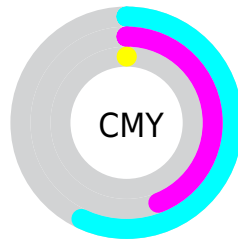
- Red (44%)
- Green (56%)
- Blue (100%)



- Red (44%)
- Yellow (54%)
- Blue (100%)



- Cyan (56%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (57%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 61.687, 288.807 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 62, 61.687, 288.807 by changing the saturation by 10% instead.


 62, 61.687,
288.807


 62, 61.687,
288.807


 100, 61.687,
288.807


 52, 61.687,
288.807


 82, 61.687,
288.807

 42, 61.687,
288.807

 92, 61.687,
288.807

 32, 61.687,
288.807

 22, 61.687,
288.807

 12, 61.687,
288.807

 2, 61.687, 288.807

 0, 61.687, 288.807

■ 62, 61.687,
288.807

■ 62, 61.687,
288.807

■ 56, 73.836,
291.654

■ 69, 49.935,
286.286

■ 50, 86.305,
294.749

■ 75, 38.572,
284.099

■ 44, 98.788,
297.928

■ 82, 27.561,
282.225

■ 40, 110.600,
300.934

■ 89, 16.868,
280.627

■ 38, 114.569,
301.900

■ 95, 6.467, 279.277

100, 0.596,
110.004

Harmonies

Complementary

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



62, 61.687, 288.807



89, 57.356, 91.423

Rectangle

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



62, 61.687, 288.807



62, 61.687, 338.807



62, 61.687, 108.807



62, 61.687, 158.807

Sweetspot

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



62, 61.686, 288.808



89, 17.628, 280.725



91, 46.666, 174.664



46, 11.822, 281.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 61.686, 288.808



55, 76.176, 292.158



57, 81.375, 305.350



50, 5.839, 279.677



28, 91.182, 301.421



6, 36.450, 296.604

Inverse Universe

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



65, 58.153, 9.511



60, 69.639, 13.029



95, 70.983, 117.272



50, 5.493, 1.768



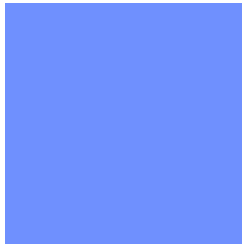
40, 73.471, 27.188



10, 31.805, 17.092

Previews

White Background



This preview shows how the CIELCh color 62, 61.687, 288.807 looks on a white background.

Color Contrast Check

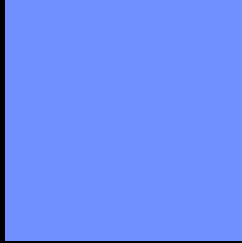
Large Text (above 18pt) WCAG AA × Fail

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 62, 61.687, 288.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

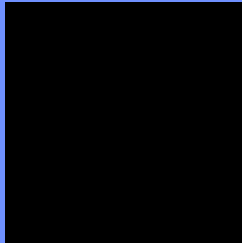
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 61.687, 288.807

Background



This preview shows how black text looks on a background with the CIELCh color 62, 61.687, 288.807.



This preview shows how white text looks on a background with the CIELCh color 62, 61.687, 288.807.

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
62, 61.687, 288.807

Protanopia
62, 61.304, 286.416

Deuteranopia
62, 58.352, 279.613



Tritanopia
62, 25.390, 214.311

Trichromacy



Original Color
62, 61.687, 288.807

Protanomaly
62, 61.795, 287.391

Deuteranomaly
62, 59.518, 282.852

Tritanomaly
62, 31.624, 257.760

Monochromacy



Original Color
62, 61.687, 288.807

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 22.790, 282.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 61.687, 288.807 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(111, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 254)  
}
```

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(111, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 61.687, 288.807 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(111, 144, 254) }
```

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

```
.border{ border-color:rgb(111, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 61.687, 288.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 254) }
```

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

```
.background{ background-color: rgb(111,  
144, 254) }
```

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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