

Converting Colors

CIELCh(62, 61.710, 289.930)

Have a look what the booklet for
CIELCh(62, 61.710, 289.930)
contains.

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Color

CIELCh(62, 61.642, 289.877)

Conversions

Conversions Part 1

Format	Color
Hex	738FFD
RGB	115, 143, 253
RGB Percent	45%, 56%, 99%
CMY	0.5488, 0.4390, 0.0076
CMYK	0.55, 0.43, 0.00, 0.01
HSL	228°, 97%, 72%
HSV	228°, 55%, 99%
XYZ	34.6447, 30.4025, 97.0153
YIQ	147.1680, -51.9980, 28.2740

Conversions

Conversions Part 2

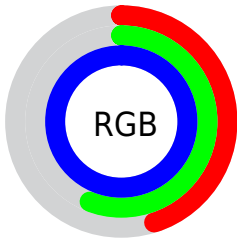
Format	Color
RYB	115, 138, 253
Decimal	7573501
CIELab	62.00, 20.96, -57.97
CIElCh	62, 61.642, 289.877
Yxy	30.4025, 0.2138, 0.1876
Android (android.graphics.Color)	4285763581 (0xFF738FFD)
YUV	147.1680, 52.1752, -28.2113
Hunter-Lab	55.1385, 15.6629, -65.7228

Details

The CIELCh color **62, 61.642, 289.877** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **90, 56.697, 93.613**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.918, 281.139**, and **42, 62.002, 290.079** is the 20% darker color. If you saturate the color by 10%, you get **55, 74.222, 292.601**, and if you desaturate by 10%, it is **69, 49.486, 287.469**.

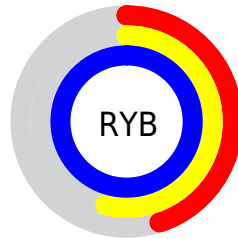
Distribution



Red (45%)

Green (56%)

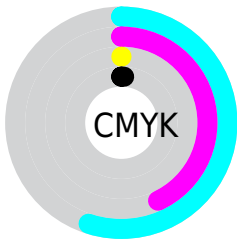
Blue (99%)



Red (45%)

Yellow (54%)

Blue (99%)

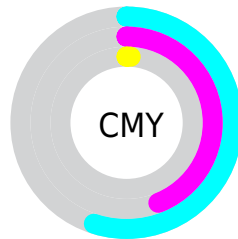


Cyan (55%)

Magenta (43%)

Yellow (0%)

Black (1%)



Cyan (55%)


Magenta (44%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 61.642, 289.877 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, 61.642, 289.877 by changing the saturation by 10% instead.


 62, 61.642,
289.877


 62, 61.642,
289.877


 100, 61.642,
289.877


 52, 61.642,
289.877


 82, 61.642,
289.877

 42, 61.642,
289.877

 92, 61.642,
289.877

 32, 61.642,
289.877

 22, 61.642,
289.877

 12, 61.642,
289.877

 2, 61.642, 289.877

 0, 61.642, 289.877

62, 61.642,
289.877

62, 61.642,
289.877

55, 74.222,
292.601

69, 49.486,
287.469

49, 87.127,
295.568

76, 37.752,
285.383

44, 100.004,
298.615

82, 26.407,
283.597

39, 112.070,
301.485

89, 15.414,
282.076

37, 117.922,
302.840

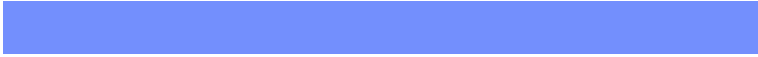
96, 4.746, 280.799

100, 0.976,
110.026

Harmonies

Complementary

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



62, 61.642, 289.877



90, 56.697, 93.613

Rectangle

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



62, 61.642, 289.877



62, 61.642, 339.877



62, 61.642, 109.877



62, 61.642, 159.877

Sweetspot

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



62, 61.641, 289.878



89, 17.113, 282.285



91, 44.770, 176.264



46, 11.588, 282.586



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, 61.641, 289.878



56, 75.290, 292.743



58, 78.436, 305.615



49, 6.026, 281.402



27, 94.173, 302.410



6, 37.547, 297.525

Inverse Universe

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



66, 56.152, 11.201



62, 67.091, 14.234



94, 69.013, 118.065



50, 5.435, 3.870



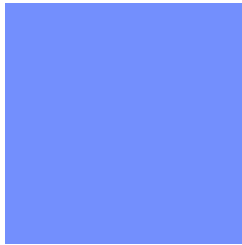
40, 74.806, 29.384



10, 31.967, 18.592

Previews

White Background



This preview shows how the CIELCh color 62, 61.642, 289.877 looks on a white background.

Color Contrast Check

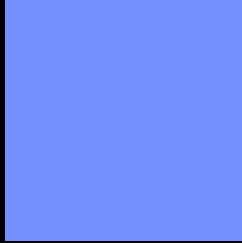
Large Text (above 18pt) WCAG AA × Fail

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, 61.642, 289.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

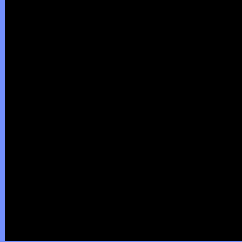
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 61.642, 289.877

Background



This preview shows how black text looks on a background with the CIELCh color 62, 61.642, 289.877.



This preview shows how white text looks on a background with the CIELCh color 62, 61.642, 289.877.

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, 61.642, 289.877

Protanopia

62, 61.304, 286.416

Deuteranopia

62, 57.771, 279.649



Tritanopia
62, 24.091, 215.345

Trichromacy



Original Color
62, 61.642, 289.877

Protanomaly
62, 61.208, 287.616

Deuteranomaly
62, 59.480, 283.440

Tritanomaly
62, 31.277, 261.119

Monochromacy



Original Color
62, 61.642, 289.877

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 22.717, 283.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 61.642, 289.877 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(115, 143, 253)` looks like.

```
.text, #text, p{  
    color:rgb(115, 143, 253)  
}
```

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(115, 143, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 143, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 61.642, 289.877 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(115, 143, 253) }
```

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

```
.border{ border-color:rgb(115, 143, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 143, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 143, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 143, 253);  
box-shadow:4px 4px 4px 4px rgb(115, 143,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 61.642, 289.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 143, 253) }
```

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

```
.background{ background-color: rgb(115,  
143, 253) }
```

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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