

Converting Colors

CIELCh(62, 58.502, 287.693)

Have a look what the booklet for
CIELCh(62, 58.502, 287.693)
contains.

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Color

CIELCh(62, 58.419, 287.651)

Conversions

Conversions Part 1

Format	Color
Hex	6F91F9
RGB	111, 145, 249
RGB Percent	44%, 57%, 98%
CMY	0.5654, 0.4320, 0.0242
CMYK	0.55, 0.42, 0.00, 0.02
HSL	225°, 92%, 71%
HSV	225°, 55%, 98%
XYZ	33.7090, 30.4025, 93.5770
YIQ	146.6900, -53.6480, 25.1360

Conversions

Conversions Part 2

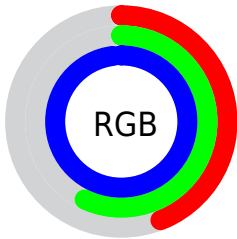
Format	Color
R_{YB}	111, 138, 249
Decimal	7311865
CIE _{Lab}	62.00, 17.71, -55.67
CIE _{LCh}	62, 58.419, 287.651
Yxy	30.4025, 0.2138, 0.1928
Android (android.graphics.Color)	4285501945 (0xFF6F91F9)
YUV	146.6900, 50.4388, -31.3001
Hunter-Lab	55.1385, 12.6339, -62.0257

Details

The CIELCh color **62, 58.419, 287.651** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **87, 54.958, 90.427**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.737, 276.413**, and **42, 58.572, 287.778** is the 20% darker color. If you saturate the color by 10%, you get **56, 70.046, 290.505**, and if you desaturate by 10%, it is **68, 47.168, 285.135**.

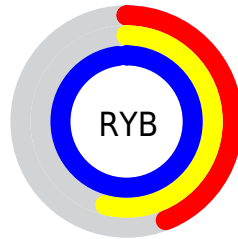
Distribution



Red (44%)

Green (57%)

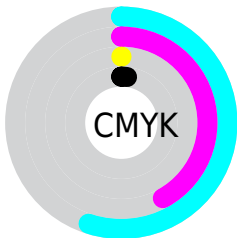
Blue (98%)



Red (44%)

Yellow (54%)

Blue (98%)

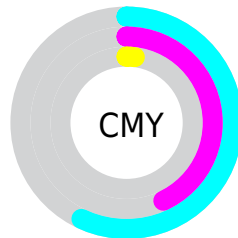


Cyan (55%)

Magenta (42%)

Yellow (0%)

Black (2%)



Cyan (57%)


Magenta (43%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.419, 287.651 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, 58.419, 287.651 by changing the saturation by 10% instead.


 62, 58.419,
287.651


 62, 58.419,
287.651


 100, 58.419,
287.651


 52, 58.419,
287.651


 82, 58.419,
287.651

 42, 58.419,
287.651

 92, 58.419,
287.651

 32, 58.419,
287.651

 22, 58.419,
287.651

 12, 58.419,
287.651

 2, 58.419, 287.651

 0, 58.419, 287.651

62, 58.419,
287.651

62, 58.419,
287.651

56, 70.046,
290.505

68, 47.168,
285.135

50, 82.008,
293.630

75, 36.272,
282.957

45, 94.084,
296.881

81, 25.694,
281.092

40, 105.730,
300.018

88, 15.404,
279.502

38, 110.661,
301.291

94, 5.378, 278.164

100, 3.116,
109.920

Harmonies

Complementary

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



62, 58.419, 287.651



87, 54.958, 90.427

Rectangle

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



62, 58.419, 287.651



62, 58.419, 337.651



62, 58.419, 107.651



62, 58.419, 157.651

Sweetspot

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



62, 58.418, 287.652



89, 17.313, 279.734



90, 46.020, 173.470



46, 11.609, 280.041



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, 58.418, 287.652



56, 73.321, 290.998



56, 78.746, 304.805



49, 5.643, 278.673



29, 88.474, 300.791



6, 34.342, 295.367

Inverse Universe

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



65, 56.382, 8.075



61, 68.629, 11.456



93, 68.689, 116.583



49, 5.437, 0.622



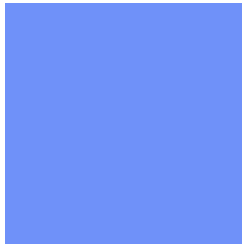
40, 72.021, 25.855



9, 30.775, 15.330

Previews

White Background



This preview shows how the CIELCh color 62, 58.419, 287.651 looks on a white background.

Color Contrast Check

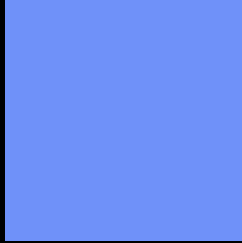
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 58.419, 287.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

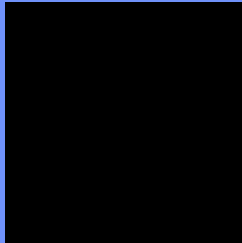
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

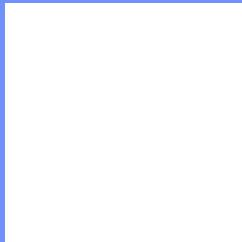
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 58.419, 287.651

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.419, 287.651.



This preview shows how white text looks on a background with the CIELCh color 62, 58.419, 287.651.

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, 58.419, 287.651

Protanopia

62, 58.521, 286.332

Deuteranopia

62, 56.012, 279.830



Tritanopia
62, 24.750, 214.807

Trichromacy



Original Color
62, 58.419, 287.651

Protanomaly
62, 58.464, 286.745

Deuteranomaly
62, 56.727, 282.638

Tritanomaly
62, 30.554, 256.975

Monochromacy



Original Color
62, 58.419, 287.651

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 21.665, 281.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.419, 287.651 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, 145, 249)` looks like.

```
.text, #text, p{  
    color:rgb(111, 145, 249)  
}
```

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, 145, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 145, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.419, 287.651 is called "border". The border property can be set on classes, ids or directly on the HTML element.

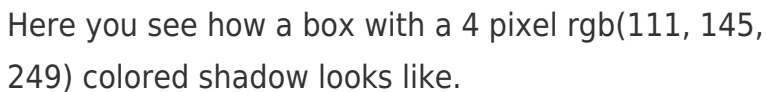
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 145, 249) }
```

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

```
.border{ border-color:rgb(111, 145, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 145, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 145, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 145, 249); box-shadow:4px 4px 4px 4px rgb(111, 145, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.419, 287.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 145, 249) }
```

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

```
.background{ background-color: rgb(111,  
145, 249) }
```

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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