

Converting Colors

CIELCh(62, 48.390, 278.620)

Have a look what the booklet for
CIELCh(62, 48.390, 278.620)
contains.

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Color

CIELCh(62, 48.751, 278.883)

Conversions

Conversions Part 1

Format	Color
Hex	6196EB
RGB	97, 150, 235
RGB Percent	38%, 59%, 92%
CMY	0.6191, 0.4113, 0.0779
CMYK	0.59, 0.36, 0.00, 0.08
HSL	217°, 78%, 65%
HSV	217°, 59%, 92%
XYZ	30.8816, 30.4025, 82.9320
YIQ	143.8430, -58.8730, 15.1990

Conversions

Conversions Part 2

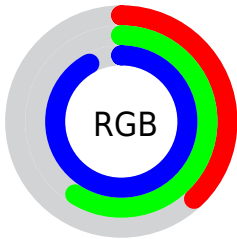
Format	Color
R _Y B	97, 135, 235
Decimal	6395627
CIE Lab	62.00, 7.53, -48.17
CIE LCh	62, 48.751, 278.883
Yxy	30.4025, 0.2141, 0.2108
Android (android.graphics.Color)	4284585707 (0xFF6196EB)
YUV	143.8430, 44.9404, -41.0813
Hunter-Lab	55.1385, 3.4806, -50.5792

Details

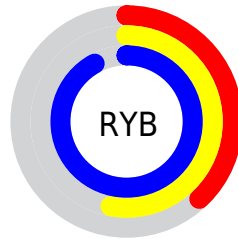
The CIELCh color **62, 48.751, 278.883** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **77, 50.917, 78.810**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 30.035, 264.271**, and **42, 48.767, 278.865** is the 20% darker color. If you saturate the color by 10%, you get **57, 57.427, 282.185**, and if you desaturate by 10%, it is **67, 40.231, 275.994**.

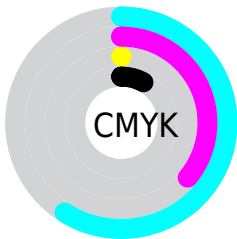
Distribution



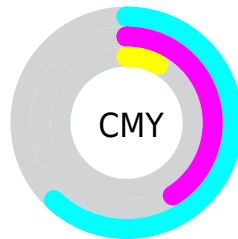
- Red (38%)
- Green (59%)
- Blue (92%)



- Red (38%)
- Yellow (53%)
- Blue (92%)



- Cyan (59%)
- Magenta (36%)
- Yellow (0%)
- Black (8%)





- Cyan (62%)
- Magenta (41%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 48.751, 278.883 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, 48.751, 278.883 by changing the saturation by 10% instead.

 62, 48.751,
278.883

 62, 48.751,
278.883

 100, 48.751,
278.883

 52, 48.751,
278.883


 82, 48.751,
278.883

 42, 48.751,
278.883

 92, 48.751,
278.883

 32, 48.751,
278.883

 22, 48.751,
278.883

 12, 48.751,
278.883

 2, 48.751, 278.883

 0, 48.751, 278.883

62, 48.751,
278.883

62, 48.751,
278.883

57, 57.427,
282.185

67, 40.231,
275.994

52, 66.316,
285.850

72, 31.823,
273.506

48, 75.438,
289.754

78, 23.497,
271.385

44, 84.721,
293.657

83, 15.242,
269.584

43, 85.948,
294.134

88, 7.057, 268.066

94, 1.052, 86.403

99, 8.400, 100.953

100, 10.061,
109.416

Harmonies

Complementary

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



62, 48.751, 278.883



77, 50.917, 78.810

Rectangle

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



62, 48.751, 278.883



62, 48.751, 328.883



62, 48.751, 98.883



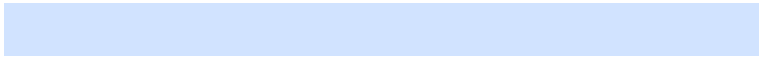
62, 48.751, 148.883

Sweetspot

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



62, 48.750, 278.884



90, 15.677, 269.484



85, 52.656, 162.619



46, 10.907, 269.975



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, 48.750, 278.884



61, 62.581, 282.757



49, 80.053, 301.530



46, 4.608, 268.174



33, 69.415, 293.457



7, 25.033, 286.131

Inverse Universe

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



60, 58.209, 358.514



60, 71.660, 1.549



90, 67.621, 109.540



46, 5.538, 351.235



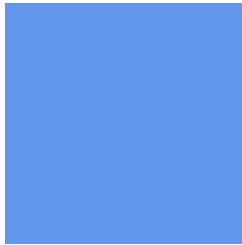
38, 65.780, 13.142



7, 27.907, 4.002

Previews

White Background



This preview shows how the CIELCh color 62, 48.751, 278.883 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, 48.751, 278.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

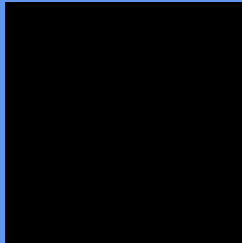
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

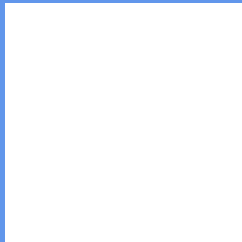
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 48.751, 278.883

Background



This preview shows how black text looks on a background with the CIELCh color 62, 48.751, 278.883.



This preview shows how white text looks on a background with the CIELCh color 62, 48.751, 278.883.

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, 48.751, 278.883

Protanopia

62, 48.477, 286.028

Deuteranopia

62, 49.049, 280.692



Tritanopia
62, 27.206, 213.009

Trichromacy



Original Color
62, 48.751, 278.883

Protanomaly
62, 48.739, 283.427

Deuteranomaly
62, 49.136, 280.199

Tritanomaly
62, 29.878, 245.750

Monochromacy



Original Color
62, 48.751, 278.883

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 18.447, 271.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 48.751, 278.883 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(97, 150, 235)` looks like.

```
.text, #text, p{  
    color:rgb(97, 150, 235)  
}
```

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(97, 150, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 150, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 48.751, 278.883 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(97, 150, 235) }
```

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

```
.border{ border-color:rgb(97, 150, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 150, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 150, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 150, 235);  
box-shadow:4px 4px 4px 4px rgb(97, 150,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 48.751, 278.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 150, 235) }
```

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

```
.background{ background-color: rgb(97, 150,  
235) }
```

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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