

Converting Colors

CIELCh(61, 51.811, 282.684)

Have a look what the booklet for
CIELCh(61, 51.811, 282.684)
contains.

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Color

CIELCh(61, 51.758, 282.616)

Conversions

Conversions Part 1

Format	Color
Hex	6492ED
RGB	100, 146, 237
RGB Percent	39%, 57%, 93%
CMY	0.6059, 0.4291, 0.0725
CMYK	0.58, 0.38, 0.00, 0.07
HSL	220°, 79%, 66%
HSV	220°, 58%, 93%
XYZ	30.7380, 29.2481, 83.7766
YIQ	142.6200, -56.6270, 18.5490

Conversions

Conversions Part 2

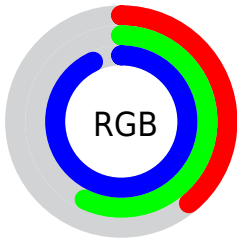
Format	Color
RYB	100, 134, 237
Decimal	6591213
CIELab	61.00, 11.30, -50.51
CIElCh	61, 51.758, 282.616
Yxy	29.2481, 0.2138, 0.2034
Android (android.graphics.Color)	4284781293 (0xFF6492ED)
YUV	142.6200, 46.5293, -37.3777
Hunter-Lab	54.0815, 6.8102, -53.9878

Details

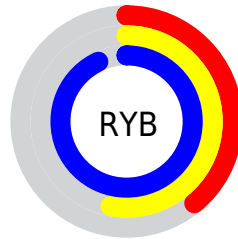
The CIELCh color **61, 51.758, 282.616** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **80, 51.586, 83.516**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.232, 269.873**, and **41, 52.092, 282.596** is the 20% darker color. If you saturate the color by 10%, you get **56, 61.420, 285.739**, and if you desaturate by 10%, it is **67, 42.342, 279.873**.

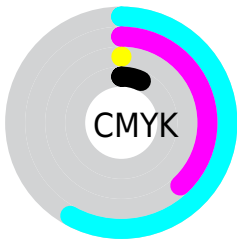
Distribution



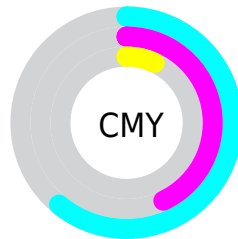
- Red (39%)
- Green (57%)
- Blue (93%)



- Red (39%)
- Yellow (53%)
- Blue (93%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (43%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 51.758, 282.616 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, 51.758, 282.616 by changing the saturation by 10% instead.

■ 61, 51.758,
282.616

■ 61, 51.758,
282.616

■ 100, 51.758,
282.616

■ 51, 51.758,
282.616

■ 81, 51.758,
282.616

■ 41, 51.758,
282.616

■ 91, 51.758,
282.616

■ 31, 51.758,
282.616

■ 21, 51.758,
282.616

■ 11, 51.758,
282.616

■ 1, 51.758, 282.616

■ 0, 51.758, 282.616

61, 51.758,
282.616

61, 51.758,
282.616

56, 61.420,
285.739

67, 42.342,
279.873

51, 71.359,
289.189

72, 33.134,
277.504

46, 81.527,
292.835

78, 24.098,
275.478

42, 91.718,
296.451

84, 15.216,
273.753

41, 94.227,
297.281

89, 6.478, 272.296

95, 2.119, 90.854

100, 9.356,
109.468

Harmonies

Complementary

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



61, 51.758, 282.616



80, 51.586, 83.516

Rectangle

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



61, 51.758, 282.616



61, 51.758, 332.616



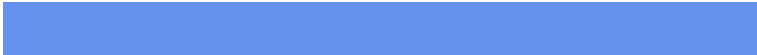
61, 51.758, 102.616



61, 51.758, 152.616

Sweetspot

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



61, 51.757, 282.617



90, 15.698, 273.683



85, 48.961, 167.097



46, 10.517, 274.007



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, 51.757, 282.617



59, 66.863, 286.329



51, 78.589, 302.912



46, 4.875, 272.559



31, 75.761, 296.658



6, 26.923, 289.074

Inverse Universe

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



61, 56.667, 2.117



60, 70.363, 5.373



90, 67.221, 112.738



46, 5.377, 354.664



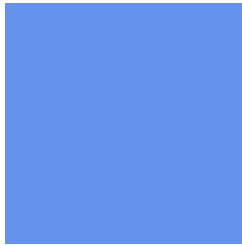
38, 66.858, 18.140



7, 27.811, 7.479

Previews

White Background



This preview shows how the CIE LCh color 61, 51.758, 282.616 looks on a white background.

Color Contrast Check

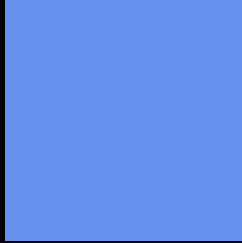
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.758, 282.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

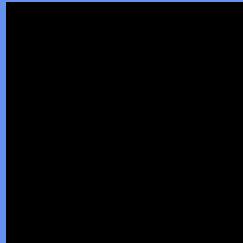
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

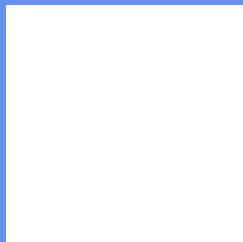
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 51.758, 282.616

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.758, 282.616.



This preview shows how white text looks on a background with the CIELCh color 61, 51.758, 282.616.

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, 51.797, 282.383

Protanopia

61, 51.447, 285.697

Deuteranopia

61, 51.017, 280.001



Tritanopia
61, 26.170, 213.761

Trichromacy



Original Color
61, 51.797, 282.383

Protanomaly
61, 51.558, 284.368

Deuteranomaly
61, 51.426, 281.226

Tritanomaly
61, 29.625, 250.091

Monochromacy



Original Color
61, 51.797, 282.383

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 19.290, 275.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.758, 282.616 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(100, 146, 237)` looks like.

```
.text, #text, p{  
    color:rgb(100, 146, 237)  
}
```

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(100, 146, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 146, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.758, 282.616 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(100, 146, 237) }
```

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

```
.border{ border-color:rgb(100, 146, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 146, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 146, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 146, 237);  
box-shadow:4px 4px 4px 4px rgb(100, 146,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.758, 282.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 146, 237) }
```

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

```
.background{ background-color: rgb(100,  
146, 237) }
```

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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