

Converting Colors

CIELCh(61, 46.163, 276.385)

Have a look what the booklet for
CIELCh(61, 46.163, 276.385)
contains.

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Color

CIELCh(61, 45.909, 276.102)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5C95E4 |
| RGB | 92, 149, 228 |
| RGB Percent | 36%, 58%, 89% |
| CMY | 0.6405, 0.4168, 0.1071 |
| CMYK | 0.60, 0.35, 0.00, 0.11 |
| HSL | 215°, 71%, 63% |
| HSV | 215°, 60%, 89% |
| XYZ | 29.0439, 29.2481, 77.2875 |
| YIQ | 140.9630, -59.3310, 12.4850 |

Conversions

Conversions Part 2

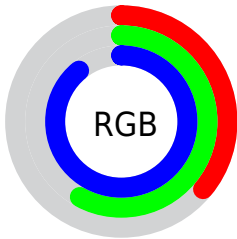
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 92, 132, 228 |
| Decimal | 6067684 |
| CIE Lab | 61.00, 4.88, -45.65 |
| CIE LCh | 61, 45.909, 276.102 |
| Yxy | 29.2481, 0.2142, 0.2157 |
| Android (android.graphics.Color) | 4284257764 (0xFF5C95E4) |
| YUV | 140.9630, 42.9092, -42.9406 |
| Hunter-Lab | 54.0815, 1.2186, -46.8738 |

Details

The CIELCh color **61, 45.909, 276.102** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **74, 49.748, 75.458**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 30.970, 263.053**, and **41, 45.746, 275.917** is the 20% darker color. If you saturate the color by 10%, you get **56, 53.744, 279.525**, and if you desaturate by 10%, it is **66, 38.162, 273.115**.

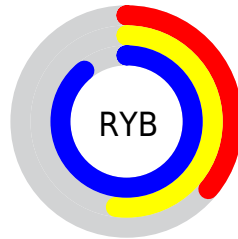
Distribution



Red (36%)

Green (58%)

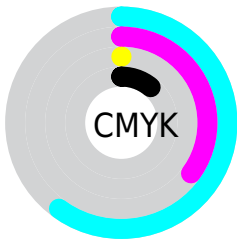
Blue (89%)



Red (36%)

Yellow (52%)

Blue (89%)

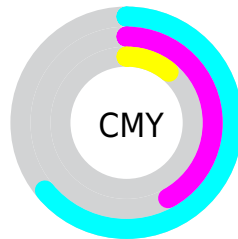


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (64%)


Magenta (42%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 45.909, 276.102 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, 45.909, 276.102 by changing the saturation by 10% instead.


 61, 45.909,
276.102


 61, 45.909,
276.102


 100, 45.909,
276.102


 51, 45.909,
276.102


 81, 45.909,
276.102

 41, 45.909,
276.102

 91, 45.909,
276.102

 31, 45.909,
276.102

 21, 45.909,
276.102

 11, 45.909,
276.102

 1, 45.909, 276.102

 0, 45.909, 276.102

61, 45.909,
276.102

61, 45.909,
276.102

56, 53.744,
279.525

66, 38.162,
273.115

52, 61.734,
283.337

71, 30.457,
270.550

48, 69.931,
287.414

76, 22.769,
268.369

44, 78.337,
291.489

81, 15.094,
266.522


44, 78.561,
291.589

86, 7.436, 264.969

91, 0.191, 81.822

96, 7.775, 82.381

99, 13.560,
108.348

 99, 13.819,
109.133

Harmonies

Complementary

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



61, 45.909, 276.102



74, 49.748, 75.458

Rectangle

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



61, 45.909, 276.102



61, 45.909, 326.102



61, 45.909, 96.102



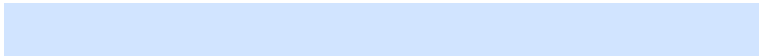
61, 45.909, 146.102

Sweetspot

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



61, 45.908, 276.103



90, 15.086, 266.250



82, 53.694, 160.498



46, 10.488, 266.746



0, 0.000, 0.000



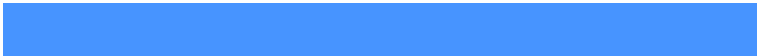
53, 0.007, 296.813

Same Dimension

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



61, 45.908, 276.103



62, 60.891, 280.524



47, 79.572, 300.972



45, 4.365, 264.930



34, 64.386, 290.902



7, 22.637, 282.743

Inverse Universe

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



58, 58.271, 356.177



60, 73.655, 359.388



88, 66.756, 107.880



45, 5.557, 349.035



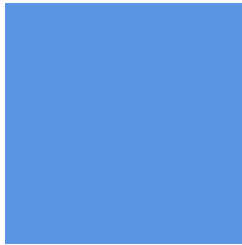
38, 64.703, 9.645



7, 27.005, 0.941

Previews

White Background



This preview shows how the CIELCh color 61, 45.909, 276.102 looks on a white background.

Color Contrast Check

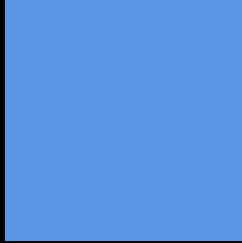
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.909, 276.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

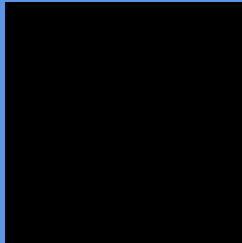
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

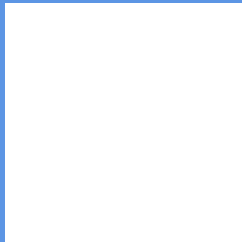
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 45.909, 276.102

Background



This preview shows how black text looks on a background with the CIELCh color 61, 45.909, 276.102.

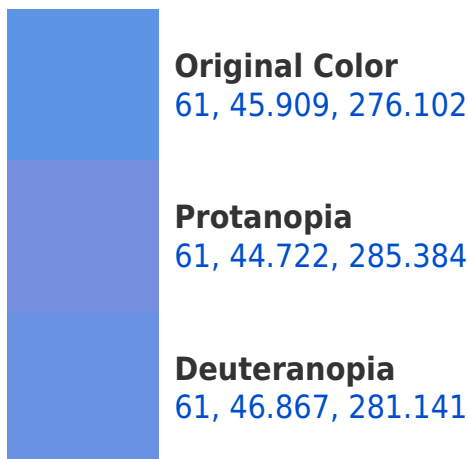



This preview shows how white text looks on a background with the CIELCh color 61, 45.909, 276.102.

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





Tritanopia
61, 27.706, 212.702

Trichromacy



Original Color
61, 45.909, 276.102

Protanomaly
61, 45.098, 281.498

Deuteranomaly
61, 46.523, 279.446

Tritanomaly
61, 29.645, 243.146

Monochromacy



Original Color
61, 45.909, 276.102

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 17.685, 268.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 45.909, 276.102 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(92, 149, 228)` looks like.

```
.text, #text, p{  
    color:rgb(92, 149, 228)  
}
```

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(92, 149, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 149, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 45.909, 276.102 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(92, 149, 228) }
```

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

```
.border{ border-color:rgb(92, 149, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 149, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 149, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 149, 228);  
box-shadow:4px 4px 4px 4px rgb(92, 149,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 45.909, 276.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 149, 228) }
```

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

```
.background{ background-color: rgb(92, 149,  
228) }
```

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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