

Converting Colors

CIELCh(61, 30.042, 277.647)

Have a look what the booklet for
CIELCh(61, 30.042, 277.647)
contains.

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Color

CIELCh(61, 30.048, 277.635)

Conversions

Conversions Part 1

Format	Color
Hex	7993C7
RGB	121, 147, 199
RGB Percent	47%, 58%, 78%
CMY	0.5237, 0.4218, 0.2178
CMYK	0.39, 0.26, 0.00, 0.22
HSL	220°, 41%, 63%
HSV	220°, 39%, 78%
XYZ	28.8148, 29.2481, 58.4457
YIQ	145.1540, -32.1880, 10.6600

Conversions

Conversions Part 2

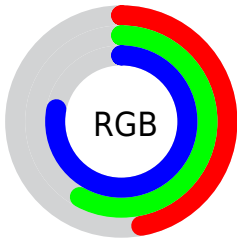
Format	Color
R_{YB}	121, 141, 199
Decimal	7967687
CIE _{Lab}	61.00, 3.99, -29.78
CIE _{LCh}	61, 30.048, 277.635
Yxy	29.2481, 0.2473, 0.2510
Android (android.graphics.Color)	4286157767 (0xFF7993C7)
YUV	145.1540, 26.5461, -21.1831
Hunter-Lab	54.0815, 0.4624, -26.2174

Details

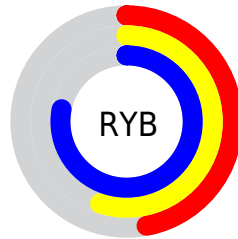
The CIELCh color **61, 30.048, 277.635** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72, 30.259, 86.062**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.470, 277.296**, and **41, 29.944, 277.320** is the 20% darker color. If you saturate the color by 10%, you get **56, 38.061, 280.023**, and if you desaturate by 10%, it is **66, 22.182, 275.587**.

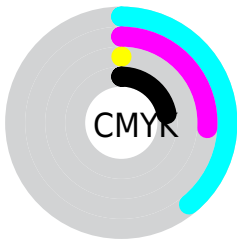
Distribution



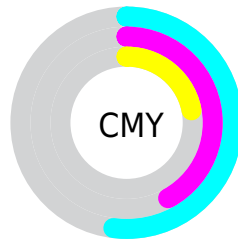
- Red (47%)
- Green (58%)
- Blue (78%)



- Red (47%)
- Yellow (55%)
- Blue (78%)



- Cyan (39%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 30.048, 277.635 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, 30.048, 277.635 by changing the saturation by 10% instead.

■ 61, 30.048,
277.635

■ 61, 30.048,
277.635

■ 100, 30.048,
277.635

■ 51, 30.048,
277.635

■ 81, 30.048,
277.635

■ 41, 30.048,
277.635

■ 91, 30.048,
277.635

■ 31, 30.048,
277.635

■ 21, 30.048,
277.635

■ 11, 30.048,
277.635

■ 1, 30.048, 277.635

■ 0, 30.048, 277.635

61, 30.048,
277.635

61, 30.048,
277.635

56, 38.061,
280.023

66, 22.182,
275.587

51, 46.254,
282.782

71, 14.449,
273.840

47, 54.662,
285.911

76, 6.838, 272.358

42, 63.306,
289.353

81, 0.653, 90.665

86, 8.024, 89.890

38, 72.142,
292.977

91, 15.274, 88.937

34, 80.996,
296.519

95, 21.682, 93.878

34, 81.778,
296.806

99, 27.454,
107.190

99, 27.999,
108.051

Harmonies

Complementary

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



61, 30.048, 277.635



72, 30.259, 86.062

Rectangle

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



61, 30.048, 277.635



61, 30.048, 327.635



61, 30.048, 97.635



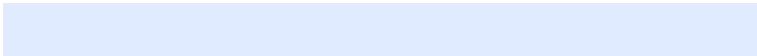
61, 30.048, 147.635

Sweetspot

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



61, 30.047, 277.635



93, 11.018, 272.784



75, 30.521, 169.672



49, 7.315, 272.977



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, 30.047, 277.635



72, 44.404, 279.660



55, 45.100, 300.403



39, 4.247, 272.394



28, 69.388, 296.266



3, 16.658, 280.954

Inverse Universe

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



60, 33.804, 358.291



71, 49.660, 359.778



78, 41.056, 113.894



39, 4.697, 354.527



34, 61.754, 17.487



4, 16.667, 2.538

Previews

White Background



This preview shows how the CIELCh color 61, 30.048, 277.635 looks on a white background.

Color Contrast Check

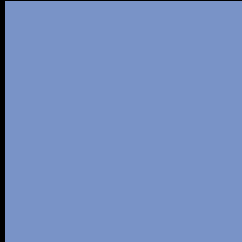
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 61, 30.048, 277.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

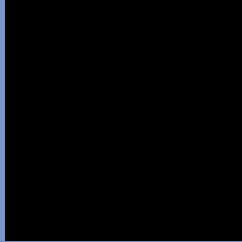
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

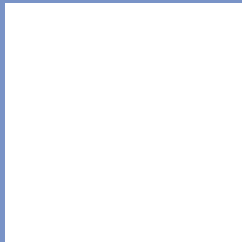
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 30.048, 277.635

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.048, 277.635.



This preview shows how white text looks on a background with the CIELCh color 61, 30.048, 277.635.

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, 30.048, 277.635

Protanopia

61, 29.995, 285.395

Deuteranopia

61, 31.132, 285.282



Tritanopia
61, 15.375, 224.539

Trichromacy



Original Color
61, 30.048, 277.635

Protanomaly
61, 30.164, 282.464

Deuteranomaly
61, 30.709, 282.754

Tritanomaly
61, 18.504, 251.393

Monochromacy



Original Color
61, 30.048, 277.635

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.680, 271.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.048, 277.635 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(121, 147, 199)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 199)  
}
```

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(121, 147, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.048, 277.635 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(121, 147, 199) }
```

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

```
.border{ border-color:rgb(121, 147, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 147, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 147, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 147, 199);  
box-shadow:4px 4px 4px 4px rgb(121, 147,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.048, 277.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 199) }
```

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

```
.background{ background-color: rgb(121,  
147, 199) }
```

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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