

Converting Colors

CIELCh(61, 30.755, 271.632)

Have a look what the booklet for
CIELCh(61, 30.755, 271.632)
contains.

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Color

CIELCh(61, 30.828, 271.919)

Conversions

Conversions Part 1

Format	Color
Hex	7095C9
RGB	112, 149, 201
RGB Percent	44%, 58%, 79%
CMY	0.5599, 0.4149, 0.2109
CMYK	0.44, 0.26, 0.00, 0.21
HSL	215°, 45%, 61%
HSV	215°, 44%, 79%
XYZ	28.0597, 29.2481, 59.5629
YIQ	143.8650, -38.7440, 8.3280

Conversions

Conversions Part 2

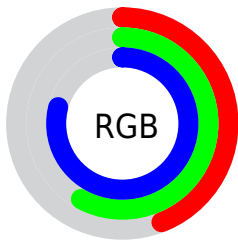
Format	Color
R_{YB}	112, 138, 201
Decimal	7378377
CIE _{Lab}	61.00, 1.03, -30.81
CIE _{LCh}	61, 30.828, 271.919
Yxy	29.2481, 0.2401, 0.2503
Android (android.graphics.Color)	4285568457 (0xFF7095C9)
YUV	143.8650, 28.1676, -27.9456
Hunter-Lab	54.0815, -2.0297, -27.4421

Details

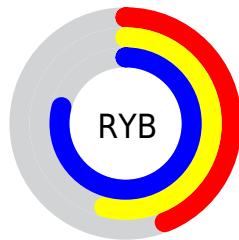
The CIELCh color **61, 30.828, 271.919** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **70, 32.762, 78.108**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.345, 270.368**, and **41, 30.756, 271.413** is the 20% darker color. If you saturate the color by 10%, you get **57, 37.858, 274.628**, and if you desaturate by 10%, it is **65, 23.825, 269.604**.

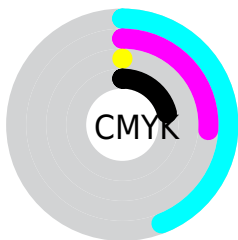
Distribution



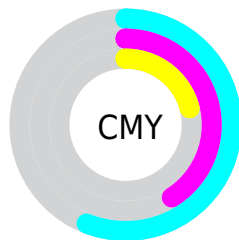
- Red (44%)
- Green (58%)
- Blue (79%)



- Red (44%)
- Yellow (54%)
- Blue (79%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 30.828, 271.919 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, 30.828, 271.919 by changing the saturation by 10% instead.

■ 61, 30.828,
271.919

■ 61, 30.828,
271.919

■ 100, 30.828,
271.919

■ 51, 30.828,
271.919

■ 81, 30.828,
271.919

■ 41, 30.828,
271.919

■ 91, 30.828,
271.919

■ 31, 30.828,
271.919

■ 21, 30.828,
271.919

■ 11, 30.828,
271.919

■ 1, 30.828, 271.919

■ 0, 30.828, 271.919

61, 30.828,
271.919

61, 30.828,
271.919

57, 37.858,
274.628

65, 23.825,
269.604

52, 44.947,
277.762

70, 16.840,
267.637

48, 52.146,
281.310

75, 9.874, 265.973

44, 59.511,
285.201

79, 2.933, 264.615

41, 67.069,
289.277

84, 3.970, 83.208

39, 71.518,
291.542

88, 10.823, 82.198

93, 17.617, 81.290

96, 21.878, 96.812

99, 27.123,
108.118

Harmonies

Complementary

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



61, 30.828, 271.919



70, 32.762, 78.108

Rectangle

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



61, 30.828, 271.919



61, 30.828, 321.919



61, 30.828, 91.919



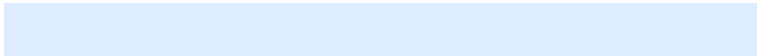
61, 30.828, 141.919

Sweetspot

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



61, 30.827, 271.919



93, 10.930, 265.814



75, 36.820, 163.775



48, 7.651, 266.156



0, 0.000, 0.000



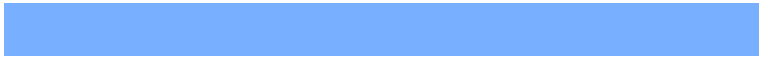
53, 0.007, 296.813

Same Dimension

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



61, 30.827, 271.919



71, 44.837, 274.486



52, 51.783, 298.631



40, 3.895, 265.266



31, 60.240, 290.890



4, 15.384, 276.529

Inverse Universe

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



58, 39.830, 353.495



68, 57.319, 355.137



79, 46.148, 109.799



39, 4.926, 349.250



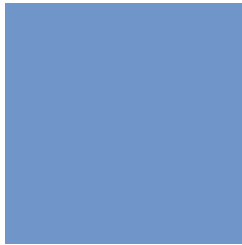
34, 60.555, 9.629



4, 17.153, 357.996

Previews

White Background



This preview shows how the CIE LCh color 61, 30.828, 271.919 looks on a white background.

Color Contrast Check

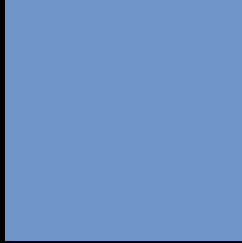
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.828, 271.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

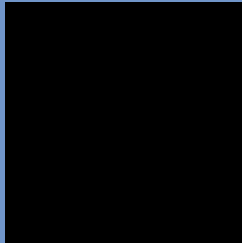
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

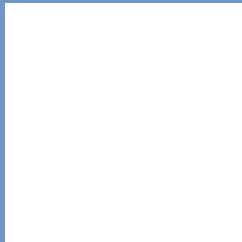
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 30.828, 271.919

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.828, 271.919.

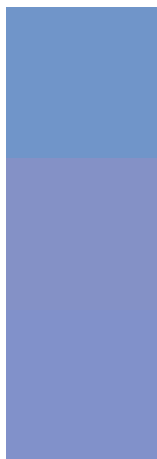


This preview shows how white text looks on a background with the CIELCh color 61, 30.828, 271.919.

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, 30.828, 271.919

Protanopia

61, 29.995, 285.395

Deuteranopia

61, 32.304, 284.662



Tritanopia
61, 18.489, 221.547

Trichromacy



Original Color
61, 30.828, 271.919

Protanomaly
61, 29.799, 279.843

Deuteranomaly
61, 31.526, 279.802

Tritanomaly
61, 20.936, 245.432

Monochromacy



Original Color
61, 30.828, 271.919

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 11.709, 266.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.828, 271.919 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(112, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(112, 149, 201)  
}
```

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(112, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 149, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.828, 271.919 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(112, 149, 201) }
```

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

```
.border{ border-color:rgb(112, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(112, 149,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.828, 271.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 149, 201) }
```

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

```
.background{ background-color: rgb(112,  
149, 201) }
```

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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