

Converting Colors

CIELCh(61, 29.870, 245.914)

Have a look what the booklet for
CIELCh(61, 29.870, 245.914)
contains.

CIELCh(61, 29.870, 245.914)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 29.870, 245.914)

Conversions

Conversions Part 1

Format	Color
Hex	4F9CC3
RGB	79, 156, 195
RGB Percent	31%, 61%, 76%
CMY	0.6915, 0.3894, 0.2365
CMYK	0.60, 0.20, 0.00, 0.24
HSL	200°, 49%, 54%
HSV	200°, 60%, 76%
XYZ	24.8475, 29.2481, 55.7773
YIQ	137.4230, -58.4110, -4.1950

Conversions

Conversions Part 2

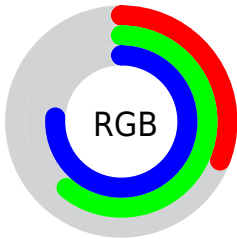
Format	Color
R_{YB}	79, 125, 195
Decimal	5217475
CIE _{Lab}	61.00, -12.19, -27.27
CIE _{LCh}	61, 29.870, 245.914
Yxy	29.2481, 0.2261, 0.2662
Android (android.graphics.Color)	4283407555 (0xFF4F9CC3)
YUV	137.4230, 28.3855, -51.2370
Hunter-Lab	54.0815, -12.6318, -23.2920

Details

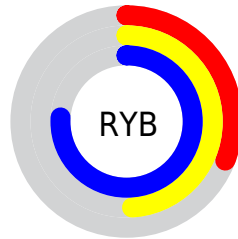
The CIELCh color **61, 29.870, 245.914** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **57, 43.152, 52.177**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 30.096, 246.700**, and **41, 29.432, 246.214** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.509, 249.152**, and if you desaturate by 10%, it is **64, 25.782, 243.265**.

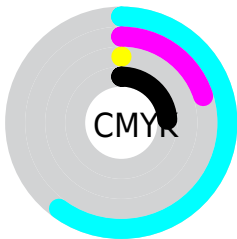
Distribution



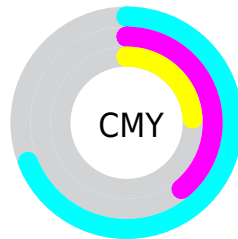
- Red (31%)
- Green (61%)
- Blue (76%)



- Red (31%)
- Yellow (49%)
- Blue (76%)



- Cyan (60%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (39%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 29.870, 245.914 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, 29.870, 245.914 by changing the saturation by 10% instead.

■ 61, 29.870,
245.914

■ 61, 29.870,
245.914

■ 100, 29.870,
245.914

■ 51, 29.870,
245.914

■ 81, 29.870,
245.914

■ 41, 29.870,
245.914

■ 91, 29.870,
245.914

■ 31, 29.870,
245.914

■ 21, 29.870,
245.914

■ 11, 29.870,
245.914

■ 1, 29.870, 245.914

■ 0, 29.870, 245.914

61, 29.870,
245.914

61, 29.870,
245.914

58, 33.509,
249.152

64, 25.782,
243.265

56, 36.740,
253.039

67, 21.258,
241.125

54, 39.660,
257.573

69, 16.338,
239.408

52, 42.470,
262.535

73, 11.076,
238.039

51, 42.588,
262.729

76, 5.534, 236.972

79, 0.232, 53.937

82, 6.168, 55.195

85, 12.232, 54.650

89, 18.386, 54.187

Harmonies

Complementary

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



61, 29.870, 245.914



57, 43.152, 52.177

Rectangle

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



61, 29.870, 245.914



61, 29.870, 295.914



61, 29.870, 65.914



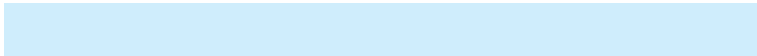
61, 29.870, 115.914

Sweetspot

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



61, 29.869, 245.914



92, 12.599, 237.881



71, 57.895, 149.524



49, 8.770, 238.243



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, 29.869, 245.914



73, 42.181, 250.448



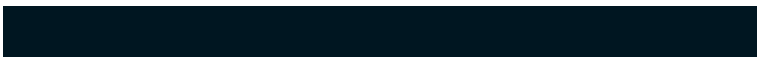
45, 57.493, 292.790



39, 3.258, 236.951



43, 36.621, 261.926



6, 10.849, 250.768

Inverse Universe

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



51, 58.081, 340.935



61, 81.555, 342.679



71, 51.243, 95.484



38, 5.707, 336.401



35, 64.059, 347.349



3, 17.715, 342.381

Previews

White Background



This preview shows how the CIE LCh color 61, 29.870, 245.914 looks on a white background.

Color Contrast Check

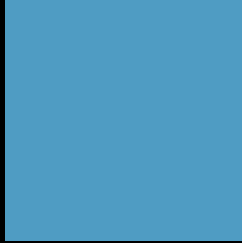
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.870, 245.914 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, 29.870, 245.914

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.870, 245.914.

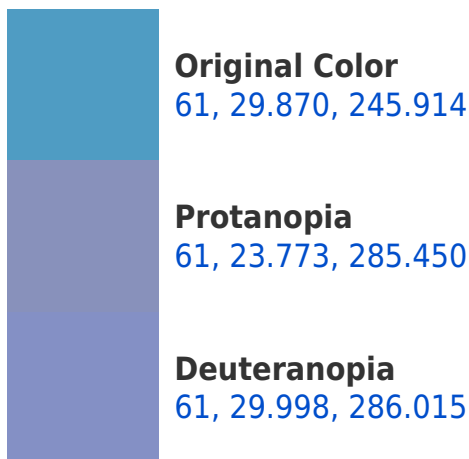



This preview shows how white text looks on a background with the CIELCh color 61, 29.870, 245.914.

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, 27.342, 212.940

Trichromacy



Original Color
61, 29.870, 245.914

Protanomaly
61, 25.052, 267.084

Deuteranomaly
60, 28.659, 270.870

Tritanomaly
61, 27.158, 226.352

Monochromacy



Original Color
61, 29.870, 245.914

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 12.476, 238.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.870, 245.914 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(79, 156, 195)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 195)  
}
```

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(79, 156, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.870, 245.914 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(79, 156, 195) }
```

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

```
.border{ border-color:rgb(79, 156, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 156, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 195);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.870, 245.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 195) }
```

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

```
.background{ background-color: rgb(79, 156,  
195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor