

Converting Colors

CIELCh(61, 28.367, 256.928)

Have a look what the booklet for
CIELCh(61, 28.367, 256.928)
contains.

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Color

CIELCh(61, 28.163, 256.300)

Conversions

Conversions Part 1

Format	Color
Hex	6199C3
RGB	97, 153, 195
RGB Percent	38%, 60%, 76%
CMY	0.6197, 0.4001, 0.2354
CMYK	0.50, 0.22, 0.00, 0.24
HSL	206°, 45%, 57%
HSV	206°, 50%, 76%
XYZ	26.1569, 29.2481, 55.8740
YIQ	141.0440, -46.8580, 1.1900

Conversions

Conversions Part 2

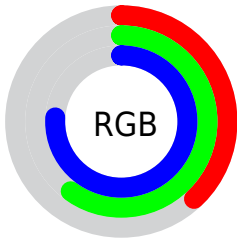
Format	Color
R _Y B	97, 133, 195
Decimal	6396355
CIE Lab	61.00, -6.67, -27.36
CIE LCh	61, 28.163, 256.300
Yxy	29.2481, 0.2351, 0.2628
Android (android.graphics.Color)	4284586435 (0xFF6199C3)
YUV	141.0440, 26.6003, -38.6266
Hunter-Lab	54.0815, -8.3100, -23.3980

Details

The CIELCh color **61, 28.163, 256.300** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **62, 34.949, 61.951**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 28.314, 256.936**, and **41, 28.155, 256.284** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.087, 259.316**, and if you desaturate by 10%, it is **64, 22.983, 253.785**.

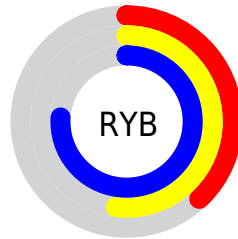
Distribution



Red (38%)

Green (60%)

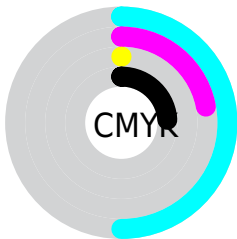
Blue (76%)



Red (38%)

Yellow (52%)

Blue (76%)

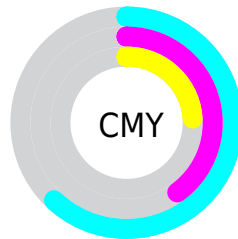


Cyan (50%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (62%)


Magenta (40%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 28.163, 256.300 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, 28.163, 256.300 by changing the saturation by 10% instead.


 61, 28.163,
256.300


 61, 28.163,
256.300


 100, 28.163,
256.300


 51, 28.163,
256.300


 81, 28.163,
256.300

 41, 28.163,
256.300

 91, 28.163,
256.300

 31, 28.163,
256.300

 21, 28.163,
256.300

 11, 28.163,
256.300

 1, 28.163, 256.300

 0, 28.163, 256.300

■ 61, 28.163,
256.300

■ 61, 28.163,
256.300

■ 58, 33.087,
259.316

■ 64, 22.983,
253.785

■ 55, 37.778,
262.885

■ 68, 17.561,
251.705

■ 52, 42.297,
267.013

■ 71, 11.925,
249.991

■ 49, 46.753,
271.630

■ 75, 6.114, 248.594

■ 46, 51.188,
276.308

■ 79, 0.165, 249.850

■ 82, 5.885, 66.268

■ 86, 12.004, 65.464

■ 90, 18.166, 64.761

■ 92, 20.015, 77.863

Harmonies

Complementary

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



61, 28.163, 256.300



62, 34.949, 61.951

Rectangle

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



61, 28.163, 256.300



61, 28.163, 306.300



61, 28.163, 76.300



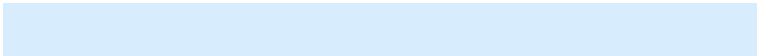
61, 28.163, 126.300

Sweetspot

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



61, 28.162, 256.299



92, 10.957, 249.249



72, 46.450, 154.365



49, 7.516, 249.557



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, 28.162, 256.299



73, 40.575, 259.536



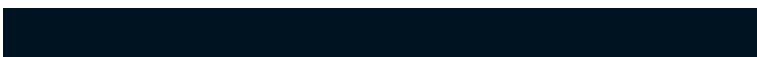
48, 52.832, 294.309



39, 3.364, 248.484



38, 43.798, 275.542



5, 11.870, 262.566

Inverse Universe

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



54, 47.516, 344.805



65, 68.093, 346.302



75, 47.020, 101.372



38, 5.346, 340.675



35, 61.250, 355.001



3, 16.537, 348.006

Previews

White Background



This preview shows how the CIELCh color 61, 28.163, 256.300 looks on a white background.

Color Contrast Check

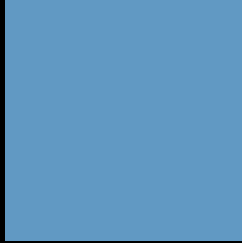
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.163, 256.300 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

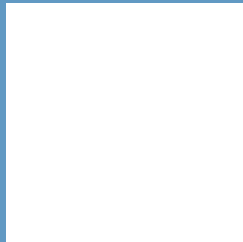
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 28.163, 256.300

Background



This preview shows how black text looks on a background with the CIELCh color 61, 28.163, 256.300.

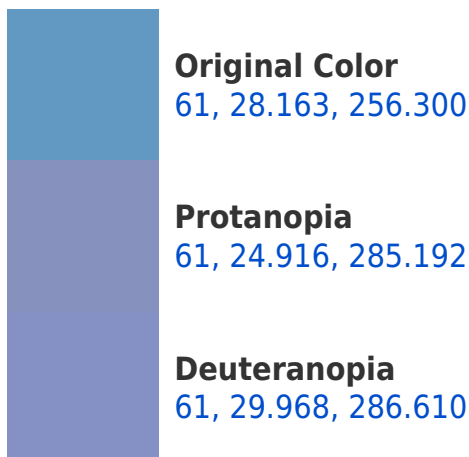


This preview shows how white text looks on a background with the CIELCh color 61, 28.163, 256.300.

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](#).

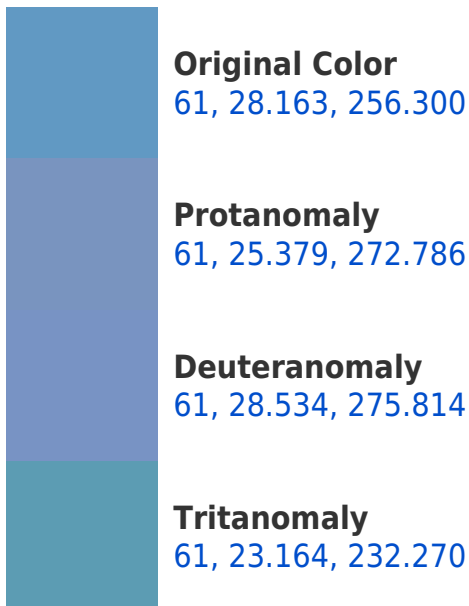
Dichromacy



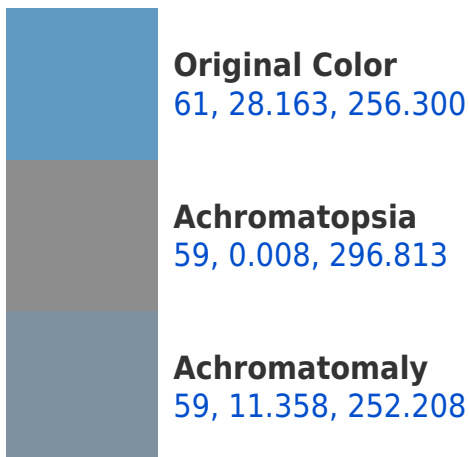


Tritanopia
61, 22.461, 216.871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 28.163, 256.300 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(97, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(97, 153, 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(97, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 153, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 28.163, 256.300 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(97, 153, 195) }
```

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

```
.border{ border-color:rgb(97, 153, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(97, 153,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 28.163, 256.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 153, 195) }
```

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

```
.background{ background-color: rgb(97, 153,  
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](#).

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