

Converting Colors

CIELCh(61, 31.868, 246.506)

Have a look what the booklet for
CIELCh(61, 31.868, 246.506)
contains.

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Color

CIELCh(61, 31.868, 246.506)

Conversions

Conversions Part 1

Format	Color
Hex	479CC6
RGB	71, 156, 198
RGB Percent	28%, 61%, 78%
CMY	0.7209, 0.3877, 0.2230
CMYK	0.64, 0.21, 0.00, 0.22
HSL	200°, 53%, 53%
HSV	200°, 64%, 78%
XYZ	24.7278, 29.2481, 57.8486
YIQ	135.3730, -64.1420, -4.9580

Conversions

Conversions Part 2

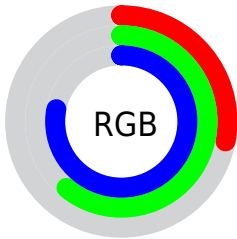
Format	Color
R_{YB}	71, 122, 198
Decimal	4693190
CIE Lab	61.00, -12.70, -29.23
CIE LCh	61, 31.868, 246.506
Yxy	29.2481, 0.2211, 0.2616
Android (android.graphics.Color)	4282883270 (0xFF479CC6)
YUV	135.3730, 30.8751, -56.4551
Hunter-Lab	54.0815, -13.0268, -25.5628

Details

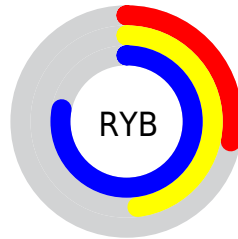
The CIELCh color **61, 31.868, 246.506** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **56, 47.854, 51.532**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 32.036, 247.118**, and **41, 30.450, 249.419** is the 20% darker color. If you saturate the color by 10%, you get **58, 35.305, 250.011**, and if you desaturate by 10%, it is **64, 27.973, 243.625**.

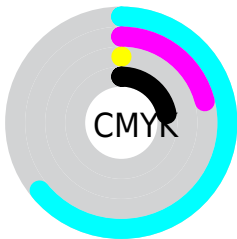
Distribution



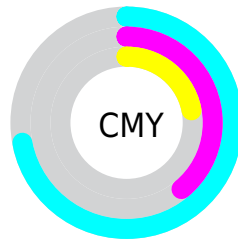
- Red (28%)
- Green (61%)
- Blue (78%)



- Red (28%)
- Yellow (48%)
- Blue (78%)



- Cyan (64%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.868, 246.506 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, 31.868, 246.506 by changing the saturation by 10% instead.

■ 61, 31.868,
246.506

■ 61, 31.868,
246.506

■ 100, 31.868,
246.506

■ 51, 31.868,
246.506

■ 81, 31.868,
246.506

■ 41, 31.868,
246.506

■ 91, 31.868,
246.506

■ 31, 31.868,
246.506

■ 21, 31.868,
246.506

■ 11, 31.868,
246.506

■ 1, 31.868, 246.506

■ 0, 31.868, 246.506

■ 61, 31.868,
246.506

■ 61, 31.868,
246.506

■ 58, 35.305,
250.011

■ 64, 27.973,
243.625

■ 56, 38.350,
254.178

■ 66, 23.616,
241.291

■ 54, 41.134,
258.969

■ 69, 18.824,
239.417

■ 53, 42.777,
261.911

■ 72, 13.653,
237.922

■ 75, 8.162, 236.742

■ 79, 2.414, 235.919

■ 82, 3.536, 54.806

■ 85, 9.636, 54.269

■ 88, 15.847, 53.783

Harmonies

Complementary

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



61, 31.868, 246.506



56, 47.854, 51.532

Rectangle

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



61, 31.868, 246.506



61, 31.868, 296.506



61, 31.868, 66.506



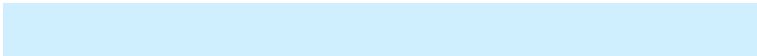
61, 31.868, 116.506

Sweetspot

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



61, 31.867, 246.506



93, 13.365, 237.319



72, 63.344, 148.180



48, 9.138, 237.675



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, 31.867, 246.506



73, 44.239, 251.625



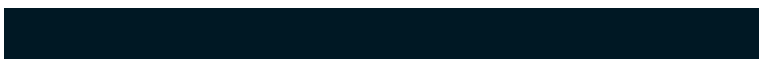
44, 61.869, 293.192



40, 3.327, 236.291



44, 36.738, 261.113



7, 11.642, 249.895

Inverse Universe

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



51, 62.489, 341.204



60, 85.450, 343.138



72, 54.738, 93.844



39, 5.853, 336.180



36, 64.986, 346.982



4, 20.045, 342.480

Previews

White Background



This preview shows how the CIE LCh color 61, 31.868, 246.506 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, 31.868, 246.506 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, 31.868, 246.506

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.868, 246.506.

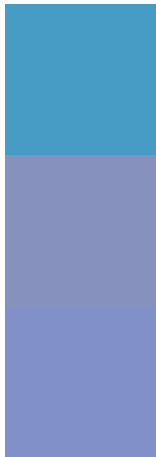


This preview shows how white text looks on a background with the CIELCh color 61, 31.868, 246.506.

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, 31.868, 246.506

Protanopia

61, 25.506, 284.720

Deuteranopia

61, 32.306, 285.227



Tritanopia
61, 29.417, 211.645

Trichromacy



Original Color
61, 31.868, 246.506

Protanomaly
61, 26.952, 266.787

Deuteranomaly
60, 31.119, 270.558

Tritanomaly
61, 29.096, 225.400

Monochromacy



Original Color
61, 31.868, 246.506

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 13.872, 239.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.868, 246.506 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(71, 156, 198)` looks like.

```
.text, #text, p{  
    color:rgb(71, 156, 198)  
}
```

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(71, 156, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 156, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.868, 246.506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

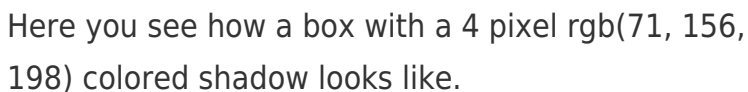
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 156, 198) }
```

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

```
.border{ border-color:rgb(71, 156, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 156, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 156, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 156, 198);  
box-shadow:4px 4px 4px 4px rgb(71, 156,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.868, 246.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 156, 198) }
```

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

```
.background{ background-color: rgb(71, 156,  
198) }
```

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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