

Converting Colors

CIELCh(61, 16.523, 194.869)

Have a look what the booklet for
CIELCh(61, 16.523, 194.869)
contains.

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Color

CIELCh(61, 16.669, 194.022)

Conversions

Conversions Part 1

Format	Color
Hex	6D9C9A
RGB	109, 156, 154
RGB Percent	43%, 61%, 60%
CMY	0.5735, 0.3893, 0.3971
CMYK	0.30, 0.00, 0.01, 0.39
HSL	177°, 19%, 52%
HSV	177°, 30%, 61%
XYZ	23.9305, 29.2481, 34.8421
YIQ	141.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

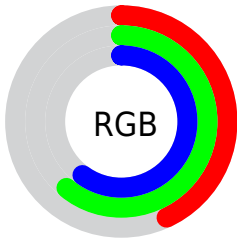
Format	Color
RYB	109, 133, 156
Decimal	7183514
CIELab	61.00, -16.17, -4.04
CIElCh	61, 16.669, 194.022
Yxy	29.2481, 0.2719, 0.3323
Android (android.graphics.Color)	4285373594 (0xFF6D9C9A)
YUV	141.7190, 6.0545, -28.6946
Hunter-Lab	54.0815, -15.6583, -0.3405

Details

The CIELCh color `61, 16.669, 194.022` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `51, 20.058, 18.597`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 16.866, 192.758`, and `41, 16.719, 193.228` is the 20% darker color. If you saturate the color by 10%, you get `60, 21.353, 193.428`, and if you desaturate by 10%, it is `62, 11.504, 194.635`.

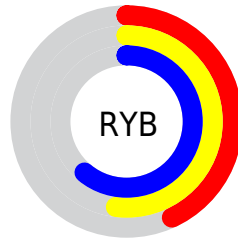
Distribution



Red (43%)

Green (61%)

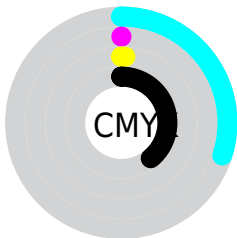
Blue (60%)



Red (43%)

Yellow (52%)

Blue (61%)

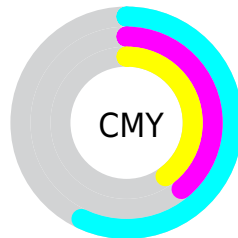


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (39%)



Cyan (57%)


Magenta (39%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.669, 194.022 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, 16.669, 194.022 by changing the saturation by 10% instead.


 61, 16.669,
194.022


 61, 16.669,
194.022


 100, 16.669,
194.022


 51, 16.669,
194.022


 81, 16.669,
194.022

 41, 16.669,
194.022

 91, 16.669,
194.022

 31, 16.669,
194.022

 21, 16.669,
194.022

 11, 16.669,
194.022

 1, 16.669, 194.022

 0, 16.669, 194.022

■ 61, 16.669,
194.022

■ 61, 16.669,
194.022

■ 60, 21.353,
193.428

■ 62, 11.504,
194.635

■ 60, 25.466,
192.860

■ 63, 5.952, 195.294

■ 59, 28.929,
192.310

■ 64, 0.103, 200.253

■ 66, 5.961, 16.429

■ 59, 31.689,
191.771

■ 67, 12.169, 17.126

■ 58, 33.725,
191.234

■ 69, 18.461, 17.801

■ 70, 24.791, 18.470

■ 58, 35.060,
190.689

■ 72, 31.122, 19.133

■ 58, 35.882,
190.144

■ 74, 37.425, 19.787

Harmonies

Complementary

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



61, 16.669, 194.022



51, 20.058, 18.597

Rectangle

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



61, 16.669, 194.022



61, 16.669, 244.022



61, 16.669, 14.022



61, 16.669, 64.022

Sweetspot

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



61, 16.669, 194.018



80, 6.507, 195.365



60, 31.762, 141.194



42, 4.544, 195.268



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 16.669, 194.018



77, 23.937, 193.631



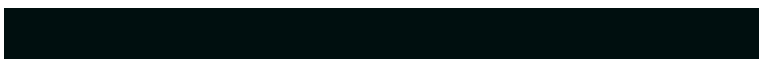
55, 14.844, 254.231



33, 3.355, 195.359



53, 33.667, 190.189



3, 4.490, 195.062

Inverse Universe

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



51, 20.058, 18.597



62, 30.135, 19.492



56, 16.528, 66.427



31, 3.536, 16.451



29, 65.647, 37.452



1, 4.484, 16.047

Previews

White Background



This preview shows how the CIE LCh color 61, 16.669, 194.022 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, 16.669, 194.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

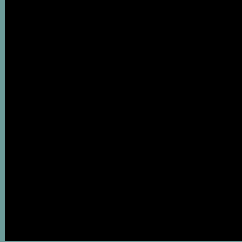
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 16.669, 194.022

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.669, 194.022.

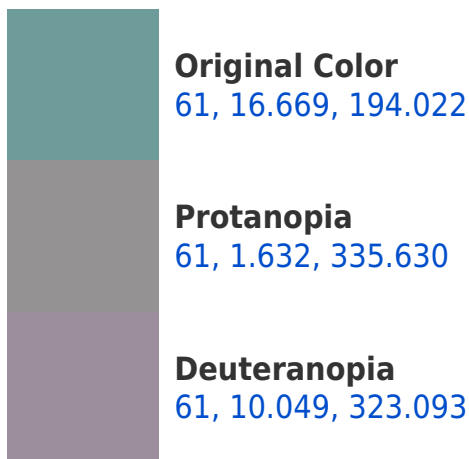



This preview shows how white text looks on a background with the CIELCh color 61, 16.669, 194.022.

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, 15.650, 224.023

Trichromacy



Original Color
61, 16.669, 194.022

Protanomaly
61, 6.013, 198.915

Deuteranomaly
61, 5.828, 260.010

Tritanomaly
61, 15.586, 212.876

Monochromacy



Original Color
61, 16.669, 194.022

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 6.405, 198.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.669, 194.022 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(109, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 154)  
}
```

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(109, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.669, 194.022 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(109, 156, 154) }
```

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

```
.border{ border-color:rgb(109, 156, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 156, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.669, 194.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 154) }
```

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

```
.background{ background-color: rgb(109,  
156, 154) }
```

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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