

Converting Colors

CIELCh(61, 58.774, 131.409)

Have a look what the booklet for
CIELCh(61, 58.774, 131.409)
contains.

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Color

CIELCh(61, 58.736, 131.486)

Conversions

Conversions Part 1

Format	Color
Hex	62A340
RGB	98, 163, 64
RGB Percent	38%, 64%, 25%
CMY	0.6149, 0.3600, 0.7482
CMYK	0.40, 0.00, 0.61, 0.36
HSL	99°, 44%, 45%
HSV	99°, 61%, 64%
XYZ	19.1239, 29.2481, 9.5170
YIQ	132.2790, -6.9610, -44.5690

Conversions

Conversions Part 2

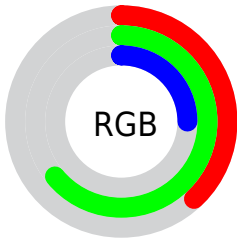
Format	Color
RYB	64, 163, 129
Decimal	6464320
CIELab	61.00, -38.91, 44.00
CIElCh	61, 58.736, 131.486
Yxy	29.2481, 0.3304, 0.5052
Android (android.graphics.Color)	4284654400 (0xFF62A340)
YUV	132.2790, -33.6615, -30.0627
Hunter-Lab	54.0815, -31.5229, 27.4235

Details

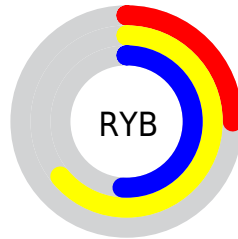
The CIELCh color **61, 58.736, 131.486** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **40, 61.799, 316.759**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 58.574, 131.256**, and **41, 58.985, 131.568** is the 20% darker color. If you saturate the color by 10%, you get **60, 66.714, 131.205**, and if you desaturate by 10%, it is **62, 49.859, 131.922**.

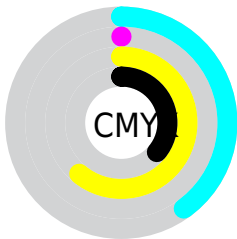
Distribution



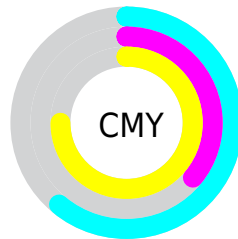
- Red (38%)
- Green (64%)
- Blue (25%)



- Red (25%)
- Yellow (64%)
- Blue (51%)



- Cyan (40%)
- Magenta (0%)
- Yellow (61%)
- Black (36%)




- Cyan (61%)
- Magenta (36%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 58.736, 131.486 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, 58.736, 131.486 by changing the saturation by 10% instead.


 61, 58.736,
131.486


 61, 58.736,
131.486


 100, 58.736,
131.486


 51, 58.736,
131.486


 81, 58.736,
131.486

 41, 58.736,
131.486

 91, 58.736,
131.486

 31, 58.736,
131.486

 21, 58.736,
131.486

 11, 58.736,
131.486

 1, 58.736, 131.486

 0, 58.736, 131.486

■ 61, 58.736,
131.486

■ 61, 58.736,
131.486

■ 60, 66.714,
131.205

■ 62, 49.859,
131.922

■ 60, 73.392,
131.190

■ 63, 40.403,
132.425

■ 59, 78.372,
131.563

■ 64, 30.608,
132.942

■ 59, 81.653,
132.159

■ 65, 20.642,
133.442

■ 66, 10.628,
133.910

■ 67, 0.653, 134.536

■ 68, 9.219, 314.674

■ 70, 18.947,
315.013

■ 71, 28.498,
315.305

Harmonies

Complementary

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



61, 58.736, 131.486



40, 61.799, 316.759

Rectangle

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



61, 58.736, 131.486



61, 58.736, 181.486



61, 58.736, 311.486



61, 58.736, 1.486

Sweetspot

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



61, 58.737, 131.487



82, 22.208, 133.554



56, 39.810, 81.690



43, 15.561, 133.420



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 58.737, 131.487



76, 84.133, 131.161



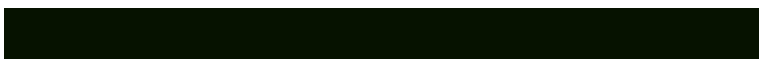
60, 58.583, 143.237



34, 5.633, 133.974



53, 74.880, 132.021



4, 8.837, 135.381

Inverse Universe

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



40, 61.799, 316.759



46, 89.097, 316.950



44, 57.761, 332.555



32, 5.684, 314.703



25, 79.329, 316.221



1, 8.635, 312.444

Previews

White Background



This preview shows how the CIELCh color 61, 58.736, 131.486 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, 58.736, 131.486 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, 58.736, 131.486

Background



This preview shows how black text looks on a background with the CIELCh color 61, 58.736, 131.486.

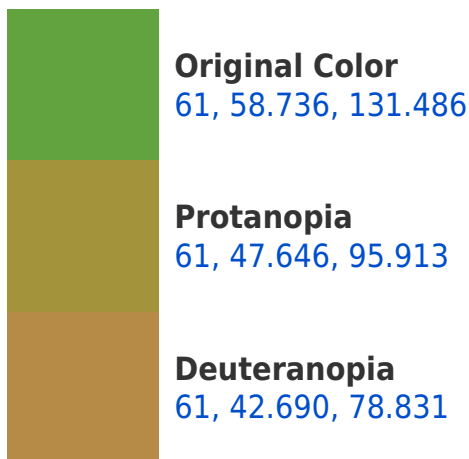


This preview shows how white text looks on a background with the CIELCh color 61, 58.736, 131.486.

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, 14.552, 226.236

Trichromacy



Original Color
61, 58.736, 131.486

Protanomaly
60, 49.123, 112.022

Deuteranomaly
60, 42.730, 103.464

Tritanomaly
61, 24.620, 155.849

Monochromacy



Original Color
61, 58.736, 131.486

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 22.460, 132.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 58.736, 131.486 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(98, 163, 64)` looks like.

```
.text, #text, p{  
    color:rgb(98, 163, 64)  
}
```

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(98, 163, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 163, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 58.736, 131.486 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(98, 163, 64) }
```

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

```
.border{ border-color:rgb(98, 163, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 163, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 163, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 163, 64);  
box-shadow:4px 4px 4px 4px rgb(98, 163,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 58.736, 131.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 163, 64) }
```

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

```
.background{ background-color: rgb(98, 163,  
64) }
```

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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