

Converting Colors

CIELCh(61, 65.483, 116.239)

Have a look what the booklet for
CIELCh(61, 65.483, 116.239)
contains.

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Color

CIELCh(61, 65.571, 116.193)

Conversions

Conversions Part 1

Format	Color
Hex	7E9F1A
RGB	126, 159, 26
RGB Percent	49%, 62%, 10%
CMY	0.5064, 0.3770, 0.8987
CMYK	0.21, 0.00, 0.84, 0.38
HSL	75°, 72%, 36%
HSV	75°, 84%, 62%
XYZ	21.1426, 29.2481, 5.4976
YIQ	133.9710, 23.0250, -48.3590

Conversions

Conversions Part 2

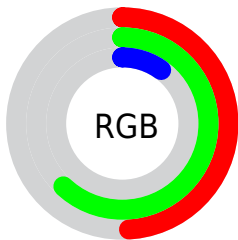
Format	Color
R_{YB}	26, 159, 59
Decimal	8298266
CIE _{Lab}	61.00, -28.94, 58.84
CIE _{LCh}	61, 65.571, 116.193
Yxy	29.2481, 0.3783, 0.5233
Android (android.graphics.Color)	4286488346 (0xFF7E9F1A)
YUV	133.9710, -53.2297, -6.9906
Hunter-Lab	54.0815, -24.8602, 31.8300

Details

The CIELCh color **61, 65.571, 116.193** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **24, 81.929, 307.256**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 65.795, 116.228**, and **41, 54.132, 120.413** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.008, 116.703**, and if you desaturate by 10%, it is **61, 60.442, 116.077**.

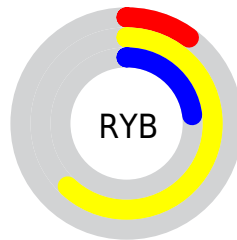
Distribution



Red (49%)

Green (62%)

Blue (10%)



Red (10%)

Yellow (62%)

Blue (23%)

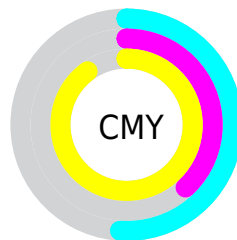


Cyan (21%)

Magenta (0%)

Yellow (84%)

Black (38%)



Cyan (51%)


Magenta (38%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.571, 116.193 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, 65.571, 116.193 by changing the saturation by 10% instead.


 61, 65.571,
116.193


 61, 65.571,
116.193


 100, 65.571,
116.193


 51, 65.571,
116.193


 81, 65.571,
116.193

 41, 65.571,
116.193

 91, 65.571,
116.193

 31, 65.571,
116.193

 21, 65.571,
116.193

 11, 65.571,
116.193

 1, 65.571, 116.193

 0, 65.571, 116.193

■ 61, 65.571,
116.193

■ 61, 65.571,
116.193

■ 61, 69.008,
116.703

■ 61, 60.442,
116.077

■ 61, 70.636,
117.128

■ 62, 53.955,
116.261

■ 62, 46.500,
116.649

■ 63, 38.404,
117.165

■ 63, 29.904,
117.752

■ 64, 21.162,
118.372

■ 64, 12.284,
118.999

■ 65, 3.346, 119.619

Harmonies

Complementary

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



61, 65.571, 116.193



24, 81.929, 307.256

Rectangle

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



61, 65.571, 116.193



61, 65.571, 166.193



61, 65.571, 296.193



61, 65.571, 346.193

Sweetspot

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



61, 65.571, 116.195



81, 27.568, 118.264



38, 57.209, 44.417



43, 18.926, 118.058



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 65.571, 116.195



77, 85.942, 117.371



58, 75.062, 133.040



33, 5.035, 119.279



55, 65.294, 117.012



4, 6.643, 121.160

Inverse Universe

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



24, 81.929, 307.256



27, 111.800, 307.656



33, 77.493, 319.180



31, 5.132, 300.423



17, 84.832, 307.882



1, 6.604, 299.347

Previews

White Background



This preview shows how the CIELCh color 61, 65.571, 116.193 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, 65.571, 116.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

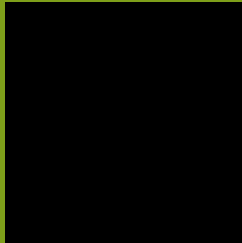
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 65.571, 116.193

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.571, 116.193.



This preview shows how white text looks on a background with the CIELCh color 61, 65.571, 116.193.

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](#).

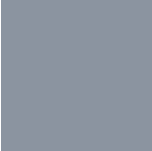
Dichromacy



Original Color
61, 65.571, 116.193

Protanopia
61, 61.073, 95.352

Deuteranopia
61, 57.358, 81.754



Tritanopia
61, 7.456, 264.540

Trichromacy



Original Color
61, 65.571, 116.193

Protanomaly
61, 61.586, 103.270

Deuteranomaly
60, 57.224, 95.700

Tritanomaly
60, 24.007, 125.636

Monochromacy



Original Color
61, 65.571, 116.193

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 27.312, 117.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.571, 116.193 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(126, 159, 26)` looks like.

```
.text, #text, p{  
    color:rgb(126, 159, 26)  
}
```

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(126, 159, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 159, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.571, 116.193 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(126, 159, 26) }
```

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

```
.border{ border-color:rgb(126, 159, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 159, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 159, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 159, 26);  
box-shadow:4px 4px 4px 4px rgb(126, 159,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.571, 116.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 159, 26) }
```

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

```
.background{ background-color: rgb(126,  
159, 26) }
```

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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