

Converting Colors

CIELCh(60, 63.483, 116.193)

Have a look what the booklet for
CIELCh(60, 63.483, 116.193)
contains.

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Color

CIELCh(60, 63.654, 116.315)

Conversions

Conversions Part 1

Format	Color
Hex	7C9C1D
RGB	124, 156, 29
RGB Percent	49%, 61%, 11%
CMY	0.5140, 0.3885, 0.8866
CMYK	0.21, 0.00, 0.81, 0.39
HSL	75°, 69%, 36%
HSV	75°, 81%, 61%
XYZ	20.4007, 28.1233, 5.5101
YIQ	131.9540, 21.6950, -46.2810

Conversions

Conversions Part 2

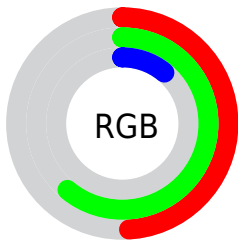
Format	Color
R_{YB}	29, 156, 61
Decimal	8166429
CIE _{Lab}	60.00, -28.22, 57.06
CIE _{LCh}	60, 63.654, 116.315
Yxy	28.1233, 0.3776, 0.5205
Android (android.graphics.Color)	4286356509 (0xFF7C9C1D)
YUV	131.9540, -50.7563, -6.9757
Hunter-Lab	53.0314, -24.1378, 30.9616

Details

The CIELCh color **60, 63.654, 116.315** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **25, 78.853, 307.163**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 63.696, 116.365**, and **40, 53.502, 120.661** is the 20% darker color. If you saturate the color by 10%, you get **60, 67.473, 116.731**, and if you desaturate by 10%, it is **60, 58.236, 116.275**.

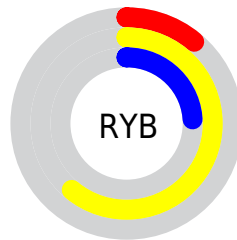
Distribution



Red (49%)

Green (61%)

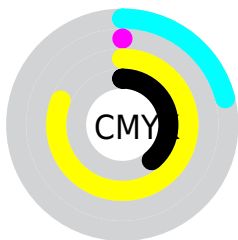
Blue (11%)



Red (11%)

Yellow (61%)

Blue (24%)

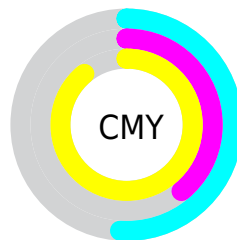


Cyan (21%)

Magenta (0%)

Yellow (81%)

Black (39%)



Cyan (51%)


Magenta (39%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 63.654, 116.315 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 60, 63.654, 116.315 by changing the saturation by 10% instead.


 60, 63.654,
116.315


 60, 63.654,
116.315


 100, 63.654,
116.315


 50, 63.654,
116.315


 80, 63.654,
116.315

 40, 63.654,
116.315

 90, 63.654,
116.315

 30, 63.654,
116.315

 20, 63.654,
116.315

 10, 63.654,
116.315

 0, 63.654, 116.315

 60, 63.654,

 60, 63.654,

116.315

■ 60, 67.473,
116.731

■ 59, 69.742,
117.308

116.315

■ 60, 58.236,
116.275

■ 61, 51.576,
116.510

■ 61, 44.050,
116.930

■ 62, 35.958,
117.463

■ 62, 27.512,
118.056

■ 63, 18.856,
118.675

■ 64, 10.088,
119.295

■ 64, 1.274, 119.919

Harmonies

Complementary

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



60, 63.654, 116.315



25, 78.853, 307.163

Rectangle

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



60, 63.654, 116.315



60, 63.654, 166.315



60, 63.654, 296.315



60, 63.654, 346.315

Sweetspot

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



60, 63.654, 116.317



79, 25.959, 118.488



39, 54.128, 45.331



42, 17.947, 118.281



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 63.654, 116.317



75, 83.925, 117.386



57, 73.041, 133.382



33, 5.037, 119.431



55, 65.362, 117.211



4, 6.647, 121.311

Inverse Universe

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



25, 78.853, 307.163



27, 108.601, 307.690



33, 75.072, 319.746



31, 5.134, 300.566



17, 84.782, 307.925



1, 6.607, 299.488

Previews

White Background



This preview shows how the CIELCh color 60, 63.654, 116.315 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 60, 63.654, 116.315 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 60, 63.654, 116.315

Background



This preview shows how black text looks on a background with the CIELCh color 60, 63.654, 116.315.



This preview shows how white text looks on a background with the CIELCh color 60, 63.654, 116.315.

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](#).

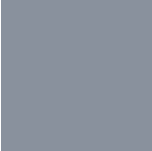
Dichromacy



Original Color
60, 63.654, 116.315

Protanopia
60, 59.266, 95.684

Deuteranopia
60, 55.881, 82.207



Tritanopia
60, 7.336, 267.156

Trichromacy



Original Color
60, 63.654, 116.315

Protanomaly
60, 59.833, 103.837

Deuteranomaly
59, 56.059, 96.063

Tritanomaly
59, 22.909, 125.562

Monochromacy



Original Color
60, 63.654, 116.315

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 26.303, 118.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 63.654, 116.315 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(124, 156, 29)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 29)  
}
```

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(124, 156, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 29) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 63.654, 116.315 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(124, 156, 29) }
```

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

```
.border{ border-color:rgb(124, 156, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 156, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 29);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
29) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 63.654, 116.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 29) }
```

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

```
.background{ background-color: rgb(124,  
156, 29) }
```

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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