

Converting Colors

CIELCh(63, 59.896, 119.946)

Have a look what the booklet for
CIELCh(63, 59.896, 119.946)
contains.

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Color

CIELCh(63, 60.051, 119.994)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7FA534 |
| RGB | 127, 165, 52 |
| RGB Percent | 50%, 65%, 20% |
| CMY | 0.5027, 0.3537, 0.7968 |
| CMYK | 0.23, 0.00, 0.69, 0.35 |
| HSL | 80°, 52%, 42% |
| HSV | 80°, 69%, 65% |
| XYZ | 22.7615, 31.5869, 8.1241 |
| YIQ | 140.7560, 13.6250, -43.1990 |

Conversions

Conversions Part 2

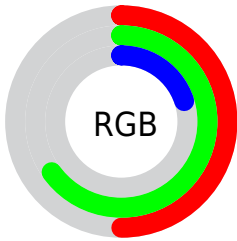
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 52, 165, 90 |
| Decimal | 8365364 |
| CIELab | 63.00, -30.02, 52.01 |
| CIELCh | 63, 60.051, 119.994 |
| Yxy | 31.5869, 0.3643, 0.5056 |
| Android (android.graphics.Color) | 4286555444 (0xFF7FA534) |
| YUV | 140.7560, -43.7567, -12.0640 |
| Hunter-Lab | 56.2022, -26.0626, 30.7711 |

Details

The CIELCh color **63, 60.051, 119.994** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **33, 69.867, 308.060**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 59.915, 120.152**, and **43, 56.608, 121.312** is the 20% darker color. If you saturate the color by 10%, you get **63, 66.310, 120.056**, and if you desaturate by 10%, it is **64, 52.615, 120.209**.

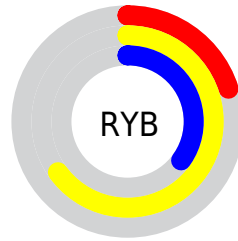
Distribution



Red (50%)

Green (65%)

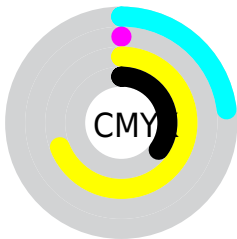
Blue (20%)



Red (20%)

Yellow (65%)

Blue (35%)

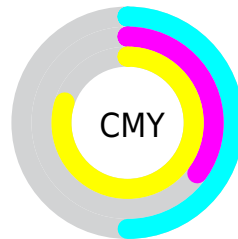


Cyan (23%)

Magenta (0%)

Yellow (69%)

Black (35%)



Cyan (50%)


Magenta (35%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 60.051, 119.994 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 63, 60.051, 119.994 by changing the saturation by 10% instead.


 63, 60.051,
119.994


 63, 60.051,
119.994


 100, 60.051,
119.994


 53, 60.051,
119.994


 83, 60.051,
119.994

 43, 60.051,
119.994

 93, 60.051,
119.994

 33, 60.051,
119.994

 23, 60.051,
119.994

 13, 60.051,
119.994

 3, 60.051, 119.994

 0, 60.051, 119.994

■ 63, 60.051,
119.994

■ 63, 60.051,
119.994

■ 63, 66.310,
120.056

■ 64, 52.615,
120.209

■ 62, 70.995,
120.500

■ 64, 44.377,
120.596

■ 62, 74.087,
121.338

■ 65, 35.624,
121.083

■ 62, 74.504,
121.458

■ 65, 26.558,
121.618

■ 66, 17.316,
122.169

■ 67, 7.991, 122.716

■ 68, 1.353, 303.194

■ 69, 10.669,
303.725

■ 70, 19.927,
304.192

Harmonies

Complementary

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



63, 60.051, 119.994



33, 69.867, 308.060

Rectangle

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



63, 60.051, 119.994



63, 60.051, 169.994



63, 60.051, 299.994



63, 60.051, 349.994

Sweetspot

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



63, 60.052, 119.996



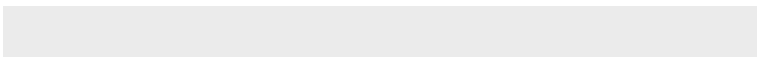
84, 24.234, 122.013



46, 44.511, 51.623



44, 16.361, 121.870



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 60.052, 119.996



79, 83.675, 120.221



60, 68.925, 135.517



34, 5.238, 122.679



55, 67.867, 121.298



5, 8.259, 125.282

Inverse Universe

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



33, 69.867, 308.060



36, 101.222, 308.865



40, 69.679, 322.381



32, 5.330, 303.661



19, 84.675, 309.017



1, 8.141, 301.975

Previews

White Background



This preview shows how the CIELCh color 63, 60.051, 119.994 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 60.051, 119.994 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 ✓ Pass

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

CIELCh 63, 60.051, 119.994

Background



This preview shows how black text looks on a background with the CIELCh color 63, 60.051, 119.994.



This preview shows how white text looks on a background with the CIELCh color 63, 60.051, 119.994.

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](#).

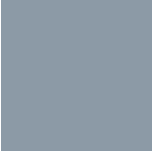
Dichromacy



Original Color
63, 60.051, 119.994

Protanopia
63, 54.562, 95.414

Deuteranopia
63, 50.793, 80.671



Tritanopia
63, 8.315, 253.211

Trichromacy



Original Color
63, 60.051, 119.994

Protanomaly
63, 55.466, 105.504

Deuteranomaly
62, 50.962, 97.296

Tritanomaly
63, 21.054, 134.037

Monochromacy



Original Color
63, 60.051, 119.994

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 23.573, 121.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 60.051, 119.994 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(127, 165, 52)` looks like.

```
.text, #text, p{  
    color:rgb(127, 165, 52)  
}
```

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(127, 165, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 165, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 60.051, 119.994 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(127, 165, 52) }
```

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

```
.border{ border-color:rgb(127, 165, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 165, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 165, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 165, 52);  
box-shadow:4px 4px 4px 4px rgb(127, 165,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 60.051, 119.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 165, 52) }
```

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

```
.background{ background-color: rgb(127,  
165, 52) }
```

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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