

Converting Colors

CIELCh(57, 59.879, 131.101)

Have a look what the booklet for
CIELCh(57, 59.879, 131.101)
contains.

CIELCh(57, 60.274, 131.032)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 60.274, 131.032)

Conversions

Conversions Part 1

Format	Color
Hex	579933
RGB	87, 153, 51
RGB Percent	34%, 60%, 20%
CMY	0.6601, 0.4013, 0.8012
CMYK	0.43, 0.00, 0.67, 0.40
HSL	99°, 50%, 40%
HSV	99°, 67%, 60%
XYZ	15.8284, 24.9227, 7.0722
YIQ	121.6380, -6.5940, -45.7140

Conversions

Conversions Part 2

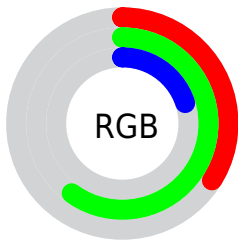
Format	Color
RYB	51, 153, 117
Decimal	5740851
CIELab	57.00, -39.57, 45.47
CIELCh	57, 60.274, 131.032
Yxy	24.9227, 0.3310, 0.5211
Android (android.graphics.Color)	4283930931 (0xFF579933)
YUV	121.6380, -34.8245, -30.3775
Hunter-Lab	49.9226, -30.7697, 26.5466

Details

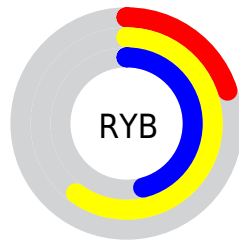
The CIELCh color **57, 60.274, 131.032** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **35, 63.787, 316.599**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 60.394, 130.825**, and **37, 57.977, 132.449** is the 20% darker color. If you saturate the color by 10%, you get **56, 67.157, 130.904**, and if you desaturate by 10%, it is **58, 52.338, 131.378**.

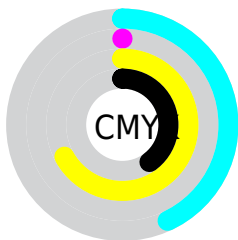
Distribution



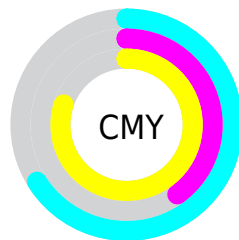
- Red (34%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (46%)



- Cyan (43%)
- Magenta (0%)
- Yellow (67%)
- Black (40%)





- Cyan (66%)
- Magenta (40%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 60.274, 131.032 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 57, 60.274, 131.032 by changing the saturation by 10% instead.


 57, 60.274,
131.032


 57, 60.274,
131.032


 100, 60.274,
131.032


 47, 60.274,
131.032


 77, 60.274,
131.032

 37, 60.274,
131.032

 87, 60.274,
131.032

 27, 60.274,
131.032

 97, 60.274,
131.032

 17, 60.274,
131.032

 7, 60.274, 131.032

 0, 60.274, 131.032

■ 57, 60.274,
131.032

■ 57, 60.274,
131.032

■ 56, 67.157,
130.904

■ 58, 52.338,
131.378

■ 56, 72.597,
131.114

■ 58, 43.695,
131.838

■ 56, 76.403,
131.708

■ 59, 34.611,
132.343

■ 56, 77.492,
131.876

■ 60, 25.280,
132.848

■ 61, 15.839,
133.330

■ 62, 6.388, 133.785

■ 63, 3.003, 314.117

■ 65, 12.284,
314.507

■ 66, 21.418,
314.825

Harmonies

Complementary

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



57, 60.274, 131.032



35, 63.787, 316.599

Rectangle

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



57, 60.274, 131.032



57, 60.274, 181.032



57, 60.274, 311.032



57, 60.274, 1.032

Sweetspot

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



57, 60.275, 131.033



77, 23.405, 133.160



51, 41.139, 79.378



40, 15.929, 133.037



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 60.275, 131.033



72, 85.100, 130.955



56, 60.892, 141.972



32, 5.325, 133.676



51, 72.743, 131.768



3, 5.760, 134.232

Inverse Universe

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



35, 63.787, 316.599



40, 90.557, 316.624



39, 59.555, 332.261



30, 5.375, 314.397



24, 77.414, 315.981



1, 5.736, 313.683

Previews

White Background



This preview shows how the CIELCh color 57, 60.274, 131.032 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 57, 60.274, 131.032 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 57, 60.274, 131.032

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.274, 131.032.



This preview shows how white text looks on a background with the CIELCh color 57, 60.274, 131.032.

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
57, 60.274, 131.032

Protanopia
57, 48.652, 95.484

Deuteranopia
57, 44.080, 80.016



Tritanopia
57, 14.717, 223.697

Trichromacy



Original Color
57, 60.274, 131.032

Protanomaly
56, 50.102, 111.612

Deuteranomaly
56, 44.832, 104.180

Tritanomaly
57, 25.975, 154.341

Monochromacy



Original Color
57, 60.274, 131.032

Achromatopsia
51, 0.007, 296.813

Achromatomaly
53, 23.963, 132.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.274, 131.032 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(87, 153, 51)` looks like.

```
.text, #text, p{  
    color:rgb(87, 153, 51)  
}
```

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(87, 153, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 153, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.274, 131.032 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(87, 153, 51) }
```

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

```
.border{ border-color:rgb(87, 153, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 153, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 153, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 153, 51);  
box-shadow:4px 4px 4px 4px rgb(87, 153,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.274, 131.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 153, 51) }
```

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

```
.background{ background-color: rgb(87, 153,  
51) }
```

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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