

Converting Colors

CIELCh(57, 60.082, 134.746)

Have a look what the booklet for
CIELCh(57, 60.082, 134.746)
contains.

CIELCh(57, 60.075, 134.753)	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, 60.075, 134.753)

Conversions

Conversions Part 1

Format	Color
Hex	4E9A39
RGB	78, 154, 57
RGB Percent	31%, 60%, 22%
CMY	0.6952, 0.3971, 0.7775
CMYK	0.49, 0.00, 0.63, 0.40
HSL	107°, 46%, 41%
HSV	107°, 63%, 60%
XYZ	15.3622, 24.9227, 7.8386
YIQ	120.2180, -14.1590, -46.2790

Conversions

Conversions Part 2

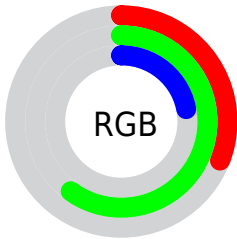
Format	Color
RYB	57, 154, 133
Decimal	5151289
CIELab	57.00, -42.30, 42.66
CIELCh	57, 60.075, 134.753
Yxy	24.9227, 0.3192, 0.5179
Android (android.graphics.Color)	4283341369 (0xFF4E9A39)
YUV	120.2180, -31.1665, -37.0252
Hunter-Lab	49.9226, -32.4363, 25.6364

Details

The CIELCh color $57, 60.075, 134.753$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $38, 61.454, 320.733$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 59.971, 134.756$, and $37, 60.071, 134.732$ is the 20% darker color. If you saturate the color by 10%, you get $56, 67.604, 134.278$, and if you desaturate by 10%, it is $58, 51.527, 135.356$.

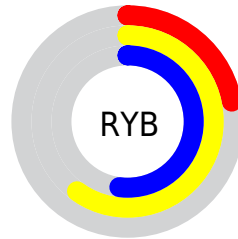
Distribution



Red (31%)

Green (60%)

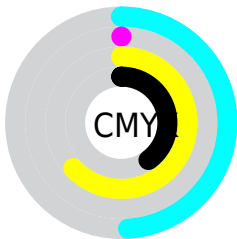
Blue (22%)



Red (22%)

Yellow (60%)

Blue (52%)

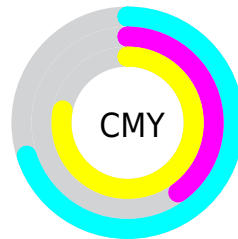


Cyan (49%)

Magenta (0%)

Yellow (63%)

Black (40%)



Cyan (70%)


Magenta (40%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 60.075, 134.753 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, 60.075, 134.753 by changing the saturation by 10% instead.


 57, 60.075,
134.753


 57, 60.075,
134.753


 100, 60.075,
134.753


 47, 60.075,
134.753


 77, 60.075,
134.753

 37, 60.075,
134.753

 87, 60.075,
134.753

 27, 60.075,
134.753

 97, 60.075,
134.753

 17, 60.075,
134.753

 7, 60.075, 134.753

 0, 60.075, 134.753

■ 57, 60.075,
134.753

■ 57, 60.075,
134.753

■ 56, 67.604,
134.278

■ 58, 51.527,
135.356

■ 56, 73.706,
134.046

■ 59, 42.302,
135.998

■ 56, 78.017,
134.169

■ 59, 32.666,
136.626

■ 55, 80.235,
134.306

■ 61, 22.816,
137.210

■ 62, 12.899,
137.741

■ 63, 3.021, 138.248

■ 64, 6.742, 318.572

■ 66, 16.336,
318.938

■ 68, 25.726,
319.243

Harmonies

Complementary

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



57, 60.075, 134.753



38, 61.454, 320.733

Rectangle

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



57, 60.075, 134.753



57, 60.075, 184.753



57, 60.075, 314.753



57, 60.075, 4.753

Sweetspot

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



57, 60.076, 134.754



77, 23.150, 137.414



56, 42.924, 91.820



40, 15.899, 137.271



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, 60.076, 134.754



71, 85.290, 134.139



57, 52.333, 147.289



32, 5.538, 137.933



51, 74.952, 134.222



3, 5.979, 138.434

Inverse Universe

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



38, 61.454, 320.733



45, 86.948, 320.850



40, 51.985, 338.537



30, 5.571, 318.697



27, 75.610, 320.302



1, 5.951, 317.922

Previews

White Background



This preview shows how the CIELCh color 57, 60.075, 134.753 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, 60.075, 134.753 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, 60.075, 134.753

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.075, 134.753.



This preview shows how white text looks on a background with the CIELCh color 57, 60.075, 134.753.

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, 60.075, 134.753

Protanopia
57, 46.032, 95.336

Deuteranopia
56, 41.065, 79.315



Tritanopia
57, 17.334, 221.505

Trichromacy



Original Color
57, 60.075, 134.753

Protanomaly
56, 47.718, 113.855

Deuteranomaly
56, 42.006, 106.969

Tritanomaly
57, 27.344, 161.185

Monochromacy



Original Color
57, 60.075, 134.753

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 23.048, 136.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.075, 134.753 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(78, 154, 57)` looks like.

```
.text, #text, p{  
    color:rgb(78, 154, 57)  
}
```

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(78, 154, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 154, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.075, 134.753 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(78, 154, 57) }
```

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

```
.border{ border-color:rgb(78, 154, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 154, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 154, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 154, 57);  
box-shadow:4px 4px 4px 4px rgb(78, 154,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.075, 134.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 154, 57) }
```

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

```
.background{ background-color: rgb(78, 154,  
57) }
```

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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