

Converting Colors

CIELCh(57, 64.807, 135.127)

Have a look what the booklet for
CIELCh(57, 64.807, 135.127)
contains.

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Color

CIELCh(57, 64.761, 135.286)

Conversions

Conversions Part 1

Format	Color
Hex	459B32
RGB	69, 155, 50
RGB Percent	27%, 61%, 20%
CMY	0.7296, 0.3923, 0.8041
CMYK	0.56, 0.00, 0.68, 0.39
HSL	109°, 51%, 40%
HSV	109°, 68%, 61%
XYZ	14.7405, 24.9227, 7.0467
YIQ	117.3160, -17.5510, -50.8870

Conversions

Conversions Part 2

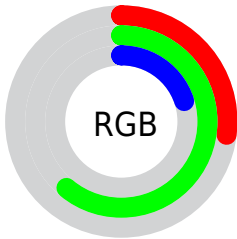
Format	Color
RYB	50, 155, 136
Decimal	4561714
CIELab	57.00, -46.02, 45.56
CIELCh	57, 64.761, 135.286
Yxy	24.9227, 0.3156, 0.5336
Android (android.graphics.Color)	4282751794 (0xFF459B32)
YUV	117.3160, -33.1868, -42.3731
Hunter-Lab	49.9226, -34.6594, 26.5768

Details

The CIELCh color **57, 64.761, 135.286** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 65.693, 321.918**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 64.876, 135.255**, and **37, 61.541, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **56, 71.712, 134.819**, and if you desaturate by 10%, it is **58, 56.557, 135.918**.

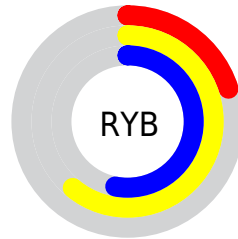
Distribution



Red (27%)

Green (61%)

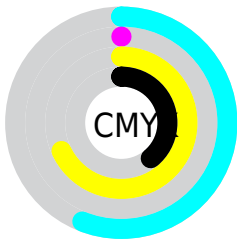
Blue (20%)



Red (20%)

Yellow (61%)

Blue (53%)

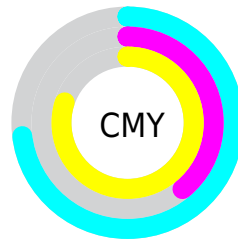


Cyan (56%)

Magenta (0%)

Yellow (68%)

Black (39%)



Cyan (73%)

Magenta (39%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 64.761, 135.286 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, 64.761, 135.286 by changing the saturation by 10% instead.

 57, 64.761,
135.286

 57, 64.761,
135.286

 100, 64.761,
135.286

 47, 64.761,
135.286

 77, 64.761,
135.286

 37, 64.761,
135.286

 87, 64.761,
135.286

 27, 64.761,
135.286

 97, 64.761,
135.286

 17, 64.761,
135.286

 7, 64.761, 135.286

 0, 64.761, 135.286

■ 57, 64.761,
135.286

■ 57, 64.761,
135.286

■ 56, 71.712,
134.819

■ 58, 56.557,
135.918

■ 56, 76.995,
134.637

■ 58, 47.486,
136.611

■ 56, 80.486,
134.754

■ 59, 37.861,
137.298

■ 56, 81.170,
134.748

■ 60, 27.920,
137.942

■ 62, 17.842,
138.525

■ 63, 7.758, 139.051

■ 64, 2.237, 319.396

■ 66, 12.074,
319.846

■ 67, 21.707,
320.184

Harmonies

Complementary

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



57, 64.761, 135.286



38, 65.693, 321.918

Rectangle

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



57, 64.761, 135.286



57, 64.761, 185.286



57, 64.761, 315.286



57, 64.761, 5.286

Sweetspot

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



57, 64.761, 135.287



78, 24.900, 138.378



57, 47.125, 93.546



41, 17.130, 138.227



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 64.761, 135.287



72, 90.478, 134.688



57, 54.483, 147.787



32, 5.598, 138.977



51, 75.386, 134.667



3, 6.041, 139.471

Inverse Universe

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



38, 65.693, 321.918



45, 91.133, 321.941



39, 53.981, 340.748



30, 5.626, 319.764



28, 75.235, 321.523



1, 6.012, 318.976

Previews

White Background



This preview shows how the CIELCh color 57, 64.761, 135.286 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, 64.761, 135.286 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, 64.761, 135.286

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.761, 135.286.



This preview shows how white text looks on a background with the CIELCh color 57, 64.761, 135.286.

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, 64.761, 135.286

Protanopia
57, 49.072, 95.503

Deuteranopia
57, 43.622, 79.822



Tritanopia
57, 18.899, 219.317

Trichromacy



Original Color
57, 64.761, 135.286

Protanomaly
56, 51.467, 114.850

Deuteranomaly
56, 44.420, 107.769

Tritanomaly
57, 30.227, 160.900

Monochromacy



Original Color
57, 64.761, 135.286

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 25.403, 137.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.761, 135.286 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(69, 155, 50)` looks like.

```
.text, #text, p{  
    color:rgb(69, 155, 50)  
}
```

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(69, 155, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 155, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.761, 135.286 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(69, 155, 50) }
```

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

```
.border{ border-color:rgb(69, 155, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 155, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 155, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 155, 50);  
box-shadow:4px 4px 4px 4px rgb(69, 155,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.761, 135.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 155, 50) }
```

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

```
.background{ background-color: rgb(69, 155,  
50) }
```

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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