

Converting Colors

CIELCh(57, 52.348, 135.271)

Have a look what the booklet for
CIELCh(57, 52.348, 135.271)
contains.

CIELCh(57, 52.385, 135.248)	3
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Color

CIELCh(57, 52.385, 135.248)

Conversions

Conversions Part 1

Format	Color
Hex	579845
RGB	87, 152, 69
RGB Percent	34%, 60%, 27%
CMY	0.6587, 0.4038, 0.7293
CMYK	0.43, 0.00, 0.55, 0.40
HSL	107°, 38%, 43%
HSV	107°, 55%, 60%
XYZ	16.2405, 24.9227, 9.5887
YIQ	123.1030, -12.0970, -39.5930

Conversions

Conversions Part 2

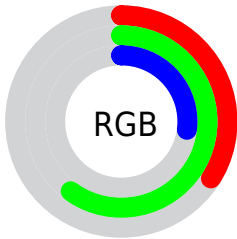
Format	Color
R_{YB}	69, 152, 134
Decimal	5740613
CIE _{Lab}	57.00, -37.20, 36.88
CIE _{LCh}	57, 52.385, 135.248
Yxy	24.9227, 0.3200, 0.4911
Android (android.graphics.Color)	4283930693 (0xFF579845)
YUV	123.1030, -26.6728, -31.6623
Hunter-Lab	49.9226, -29.2962, 23.5579

Details

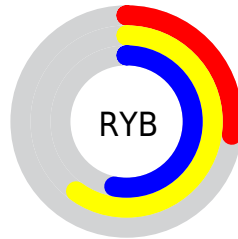
The CIELCh color $57, 52.385, 135.248$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $41, 53.578, 320.505$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 52.622, 135.046$, and $37, 52.149, 135.430$ is the 20% darker color. If you saturate the color by 10%, you get $56, 60.732, 134.660$, and if you desaturate by 10%, it is $58, 43.325, 135.888$.

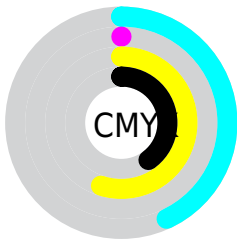
Distribution



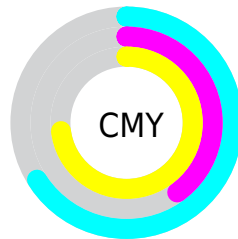
- Red (34%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (53%)



- Cyan (43%)
- Magenta (0%)
- Yellow (55%)
- Black (40%)



- Cyan (66%)
- Magenta (40%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 52.385, 135.248 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, 52.385, 135.248 by changing the saturation by 10% instead.

 57, 52.385,
135.248

 57, 52.385,
135.248

 100, 52.385,
135.248

 47, 52.385,
135.248

 77, 52.385,
135.248

 37, 52.385,
135.248

 87, 52.385,
135.248

 27, 52.385,
135.248

 97, 52.385,
135.248

 17, 52.385,
135.248

 7, 52.385, 135.248

 0, 52.385, 135.248

■ 57, 52.385,
135.248

■ 57, 52.385,
135.248

■ 56, 60.732,
134.660

■ 58, 43.325,
135.888

■ 56, 68.013,
134.214

■ 59, 33.824,
136.518

■ 55, 73.825,
134.028

■ 60, 24.087,
137.109

■ 55, 77.838,
134.204

■ 61, 14.264,
137.647

■ 55, 79.565,
134.289

■ 62, 4.466, 138.145

■ 64, 5.228, 318.489

■ 65, 14.762,
318.868

■ 67, 24.098,
319.181

■ 68, 33.212,
319.448

Harmonies

Complementary

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



57, 52.385, 135.248



41, 53.578, 320.505

Rectangle

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



57, 52.385, 135.248



57, 52.385, 185.248



57, 52.385, 315.248



57, 52.385, 5.248

Sweetspot

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



57, 52.386, 135.249



78, 19.475, 137.558



56, 36.670, 91.732



40, 13.121, 137.460



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, 52.386, 135.249



72, 76.683, 134.519



57, 46.230, 147.892



32, 5.537, 137.915



51, 74.944, 134.214



3, 5.978, 138.416

Inverse Universe

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



41, 53.578, 320.505



48, 78.414, 320.783



42, 46.280, 336.960



30, 5.570, 318.678



27, 75.616, 320.282



1, 5.950, 317.904

Previews

White Background



This preview shows how the CIELCh color 57, 52.385, 135.248 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, 52.385, 135.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

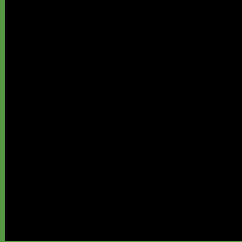
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 52.385, 135.248

Background



This preview shows how black text looks on a background with the CIELCh color 57, 52.385, 135.248.



This preview shows how white text looks on a background with the CIELCh color 57, 52.385, 135.248.

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, 52.385, 135.248

Protanopia
57, 40.271, 95.479

Deuteranopia
57, 35.503, 78.530



Tritanopia
57, 15.276, 222.661

Trichromacy



Original Color
57, 52.385, 135.248

Protanomaly
56, 41.899, 113.854

Deuteranomaly
56, 35.971, 106.547

Tritanomaly
57, 22.844, 162.199

Monochromacy



Original Color
57, 52.385, 135.248

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 20.373, 136.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 52.385, 135.248 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, 152, 69)` looks like.

```
.text, #text, p{  
    color:rgb(87, 152, 69)  
}
```

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, 152, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 152, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 52.385, 135.248 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, 152, 69) }
```

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

```
.border{ border-color:rgb(87, 152, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 152, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 152, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 152, 69);  
box-shadow:4px 4px 4px 4px rgb(87, 152,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 52.385, 135.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 152, 69) }
```

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

```
.background{ background-color: rgb(87, 152,  
69) }
```

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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