

Converting Colors

CIELCh(57, 60.882, 132.933)

Have a look what the booklet for
CIELCh(57, 60.882, 132.933)
contains.

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Color

CIELCh(57, 60.555, 133.065)

Conversions

Conversions Part 1

Format	Color
Hex	519935
RGB	81, 153, 53
RGB Percent	32%, 60%, 21%
CMY	0.6809, 0.3986, 0.7908
CMYK	0.47, 0.00, 0.65, 0.40
HSL	103°, 48%, 41%
HSV	103°, 65%, 60%
XYZ	15.5231, 24.9227, 7.4010
YIQ	120.0720, -10.8120, -46.3640

Conversions

Conversions Part 2

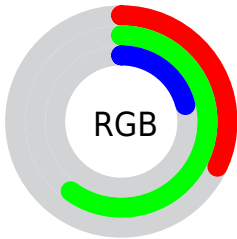
Format	Color
RYB	53, 153, 125
Decimal	5347637
CIELab	57.00, -41.35, 44.24
CIELCh	57, 60.555, 133.065
Yxy	24.9227, 0.3244, 0.5209
Android (android.graphics.Color)	4283537717 (0xFF519935)
YUV	120.0720, -33.0665, -34.2661
Hunter-Lab	49.9226, -31.8612, 26.1561

Details

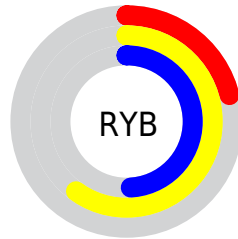
The CIELCh color **57, 60.555, 133.065** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **37, 62.854, 318.788**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 60.572, 132.971**, and **37, 59.062, 133.957** is the 20% darker color. If you saturate the color by 10%, you get **56, 67.754, 132.770**, and if you desaturate by 10%, it is **58, 52.312, 133.537**.

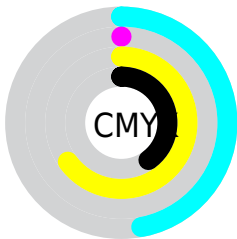
Distribution



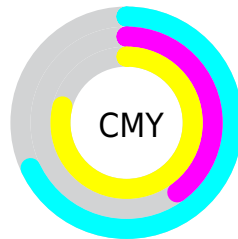
- Red (32%)
- Green (60%)
- Blue (21%)



- Red (21%)
- Yellow (60%)
- Blue (49%)



- Cyan (47%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)





- Cyan (68%)
- Magenta (40%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 60.555, 133.065 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, 60.555, 133.065 by changing the saturation by 10% instead.


 57, 60.555,
133.065


 57, 60.555,
133.065


 100, 60.555,
133.065


 47, 60.555,
133.065


 77, 60.555,
133.065

 37, 60.555,
133.065

 87, 60.555,
133.065

 27, 60.555,
133.065

 97, 60.555,
133.065

 17, 60.555,
133.065

 7, 60.555, 133.065

 0, 60.555, 133.065

■ 57, 60.555,
133.065

■ 57, 60.555,
133.065

■ 56, 67.754,
132.770

■ 58, 52.312,
133.537

■ 56, 73.507,
132.769

■ 58, 43.371,
134.087

■ 56, 77.513,
133.151

■ 59, 34.000,
134.652

■ 55, 79.102,
133.323

■ 60, 24.395,
135.196

■ 61, 14.700,
135.702

■ 63, 5.016, 136.173

■ 64, 4.580, 316.510

■ 65, 14.038,
316.883

■ 67, 23.319,
317.193

Harmonies

Complementary

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



57, 60.555, 133.065



37, 62.854, 318.788

Rectangle

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



57, 60.555, 133.065



57, 60.555, 183.065



57, 60.555, 313.065



57, 60.555, 3.065

Sweetspot

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



57, 60.556, 133.066



77, 23.905, 135.446



54, 42.214, 86.549



40, 16.271, 135.314



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, 60.556, 133.066



72, 85.386, 132.726



56, 56.512, 144.702



32, 5.435, 135.986



51, 74.018, 133.224



3, 5.873, 136.506

Inverse Universe

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



37, 62.854, 318.788



43, 88.638, 318.837



40, 55.556, 335.622



30, 5.475, 316.719



26, 76.389, 318.197



1, 5.847, 315.977

Previews

White Background



This preview shows how the CIELCh color 57, 60.555, 133.065 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, 60.555, 133.065 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, 60.555, 133.065

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.555, 133.065.



This preview shows how white text looks on a background with the CIELCh color 57, 60.555, 133.065.

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, 60.555, 133.065

Protanopia
57, 47.362, 95.417

Deuteranopia
56, 42.470, 79.966



Tritanopia
57, 16.267, 223.255

Trichromacy



Original Color
57, 60.555, 133.065

Protanomaly
56, 48.958, 112.966

Deuteranomaly
56, 43.430, 106.140

Tritanomaly
57, 26.459, 158.343

Monochromacy



Original Color
57, 60.555, 133.065

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 23.352, 135.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.555, 133.065 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(81, 153, 53)` looks like.

```
.text, #text, p{  
    color:rgb(81, 153, 53)  
}
```

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(81, 153, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 153, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.555, 133.065 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(81, 153, 53) }
```

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

```
.border{ border-color:rgb(81, 153, 53) }
```

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

Here you see how a box with a 4 pixel rgb(81, 153, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 153, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 153, 53);  
box-shadow:4px 4px 4px 4px rgb(81, 153,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.555, 133.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 153, 53) }
```

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

```
.background{ background-color: rgb(81, 153,  
53) }
```

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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