

Converting Colors

CIELCh(56, 58.287, 130.364)

Have a look what the booklet for
CIELCh(56, 58.287, 130.364)
contains.

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Color

CIELCh(56, 57.925, 130.336)

Conversions

Conversions Part 1

Format	Color
Hex	589533
RGB	88, 149, 51
RGB Percent	35%, 58%, 20%
CMY	0.6538, 0.4146, 0.7989
CMYK	0.41, 0.00, 0.66, 0.41
HSL	97°, 49%, 39%
HSV	97°, 66%, 59%
XYZ	15.4457, 23.9124, 6.9643
YIQ	119.5890, -4.8980, -43.4100

Conversions

Conversions Part 2

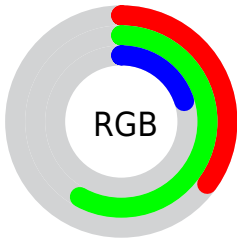
Format	Color
RYB	51, 149, 112
Decimal	5805363
CIELab	56.00, -37.49, 44.15
CIElCh	56, 57.925, 130.336
Yxy	23.9124, 0.3334, 0.5162
Android (android.graphics.Color)	4283995443 (0xFF589533)
YUV	119.5890, -33.8144, -27.7036
Hunter-Lab	48.9003, -29.1943, 25.7862

Details

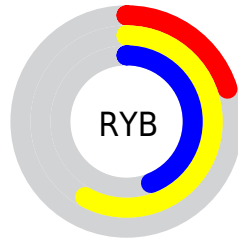
The CIELCh color **56, 57.925, 130.336** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 61.668, 315.829**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 58.153, 130.404**, and **36, 56.181, 131.564** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.793, 130.209**, and if you desaturate by 10%, it is **57, 50.084, 130.673**.

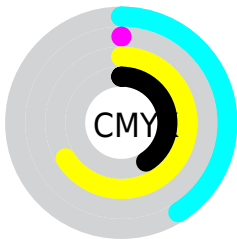
Distribution



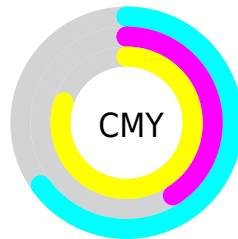
- Red (35%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (44%)



- Cyan (41%)
- Magenta (0%)
- Yellow (66%)
- Black (41%)





- Cyan (65%)
- Magenta (41%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 57.925, 130.336 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 56, 57.925, 130.336 by changing the saturation by 10% instead.


 56, 57.925,
130.336


 56, 57.925,
130.336


 100, 57.925,
130.336


 46, 57.925,
130.336


 76, 57.925,
130.336

 36, 57.925,
130.336

 86, 57.925,
130.336

 26, 57.925,
130.336

 96, 57.925,
130.336

 16, 57.925,
130.336

 6, 57.925, 130.336

 0, 57.925, 130.336

■ 56, 57.925,
130.336

■ 56, 57.925,
130.336

■ 55, 64.793,
130.209

■ 57, 50.084,
130.673

■ 55, 70.310,
130.410

■ 57, 41.595,
131.120

■ 55, 74.219,
131.017

■ 58, 32.706,
131.610

■ 54, 75.699,
131.271

■ 59, 23.595,
132.102

■ 60, 14.389,
132.574

■ 61, 5.179, 133.023

■ 62, 3.972, 313.360

■ 64, 13.017,
313.734

■ 65, 21.923,
314.050

Harmonies

Complementary

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



56, 57.925, 130.336



34, 61.668, 315.829

Rectangle

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



56, 57.925, 130.336



56, 57.925, 180.336



56, 57.925, 310.336



56, 57.925, 0.336

Sweetspot

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



56, 57.926, 130.337



76, 22.756, 132.353



50, 39.415, 78.104



39, 15.482, 132.233



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



56, 57.926, 130.337



70, 82.109, 130.260



55, 59.620, 141.681



31, 5.143, 132.865



50, 71.286, 131.162



2, 4.495, 133.227

Inverse Universe

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



34, 61.668, 315.829



39, 88.148, 315.918



39, 58.428, 331.552



29, 5.194, 313.583



23, 76.752, 315.288



1, 4.496, 313.224

Previews

White Background



This preview shows how the CIELCh color 56, 57.925, 130.336 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 CIE LCh color 56, 57.925, 130.336 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 56, 57.925, 130.336

Background



This preview shows how black text looks on a background with the CIELCh color 56, 57.925, 130.336.



This preview shows how white text looks on a background with the CIELCh color 56, 57.925, 130.336.

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
56, 57.925, 130.336

Protanopia
56, 47.296, 95.887

Deuteranopia
56, 43.023, 80.060



Tritanopia
56, 13.895, 225.481

Trichromacy



Original Color
56, 57.925, 130.336

Protanomaly
56, 48.774, 111.377

Deuteranomaly
55, 43.040, 103.060

Tritanomaly
56, 23.805, 154.989

Monochromacy



Original Color
56, 57.925, 130.336

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 22.815, 132.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 57.925, 130.336 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(88, 149, 51)` looks like.

```
.text, #text, p{  
    color:rgb(88, 149, 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(88, 149, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 149, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 57.925, 130.336 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(88, 149, 51) }
```

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

```
.border{ border-color:rgb(88, 149, 51) }
```

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

Here you see how a box with a 4 pixel rgb(88, 149, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 149, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 149, 51);  
box-shadow:4px 4px 4px 4px rgb(88, 149,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 57.925, 130.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 149, 51) }
```

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

```
.background{ background-color: rgb(88, 149,  
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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