

Converting Colors

CIELCh(67, 88.900, 133.703)

Have a look what the booklet for
CIELCh(67, 88.900, 133.703)
contains.

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Color

CIELCh(67, 88.717, 133.703)

Conversions

Conversions Part 1

Format	Color
Hex	3CBB14
RGB	60, 187, 20
RGB Percent	24%, 73%, 8%
CMY	0.7638, 0.2660, 0.9204
CMYK	0.68, 0.00, 0.89, 0.27
HSL	106°, 80%, 41%
HSV	106°, 89%, 73%
XYZ	19.8124, 36.6320, 6.7021
YIQ	129.9890, -22.0850, -78.8610

Conversions

Conversions Part 2

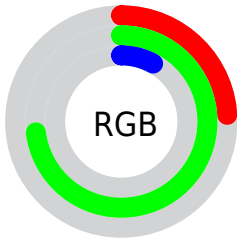
Format	Color
RYB	20, 187, 147
Decimal	3980052
CIELab	67.00, -61.30, 64.14
CIELCh	67, 88.717, 133.703
Yxy	36.6320, 0.3138, 0.5801
Android (android.graphics.Color)	4282170132 (0xFF3CBB14)
YUV	129.9890, -54.2246, -61.3804
Hunter-Lab	60.5244, -47.4864, 35.8016

Details

The CIELCh color **67, 88.717, 133.703** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **38, 90.499, 319.857**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 88.533, 133.701**, and **48, 73.466, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **67, 92.338, 134.123**, and if you desaturate by 10%, it is **67, 83.036, 133.615**.

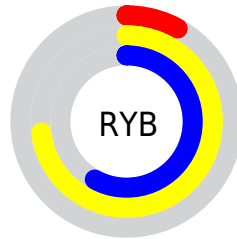
Distribution



Red (24%)

Green (73%)

Blue (8%)



Red (8%)

Yellow (73%)

Blue (58%)

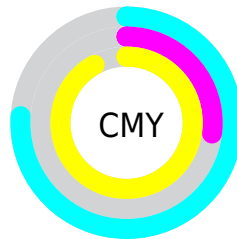


Cyan (68%)

Magenta (0%)

Yellow (89%)

Black (27%)



Cyan (76%)


Magenta (27%)

Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 88.717, 133.703 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 67, 88.717, 133.703 by changing the saturation by 10% instead.

 67, 88.717,
133.703

 67, 88.717,
133.703


 100, 88.717,
133.703

 57, 88.717,
133.703


 87, 88.717,
133.703


 47, 88.717,
133.703


 97, 88.717,
133.703

 37, 88.717,
133.703

 27, 88.717,
133.703

 17, 88.717,
133.703

 7, 88.717, 133.703

 0, 88.717, 133.703

■ 67, 88.717,
133.703

■ 67, 88.717,
133.703

■ 67, 92.338,
134.123

■ 67, 83.036,
133.615

■ 67, 92.607,
134.150

■ 68, 75.353,
133.875

■ 69, 66.141,
134.358

■ 70, 55.870,
134.951

■ 71, 44.921,
135.572

■ 72, 33.578,
136.174

■ 73, 22.053,
136.732

■ 75, 10.498,

137.239

■ 76, 0.977, 317.468

Harmonies

Complementary

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



67, 88.717, 133.703



38, 90.499, 319.857

Rectangle

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



67, 88.717, 133.703



67, 88.717, 183.703



67, 88.717, 313.703



67, 88.717, 3.703

Sweetspot

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



67, 88.717, 133.704



91, 38.359, 136.273



63, 63.804, 85.365



48, 26.043, 136.074



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 88.717, 133.704



84, 112.632, 134.320



67, 81.485, 141.595



39, 6.545, 137.229



57, 81.591, 134.009



9, 20.456, 139.640

Inverse Universe

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



38, 90.499, 319.857



48, 114.048, 319.215



43, 74.576, 339.856



37, 6.588, 318.005



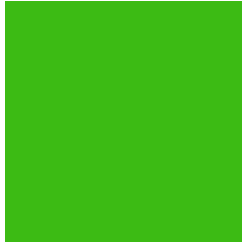
31, 82.853, 319.448



3, 19.299, 315.070

Previews

White Background



This preview shows how the CIELCh color 67, 88.717, 133.703 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 67, 88.717, 133.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

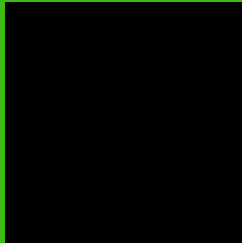
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 88.717, 133.703

Background



This preview shows how black text looks on a background with the CIELCh color 67, 88.717, 133.703.

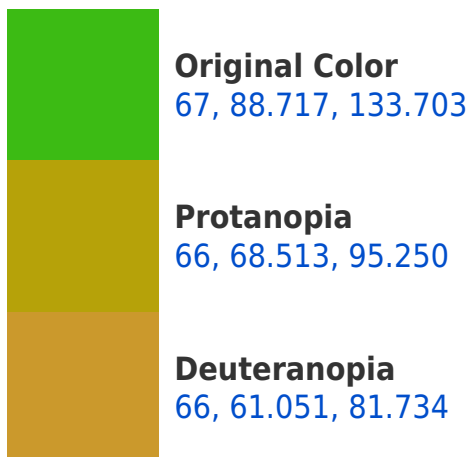


This preview shows how white text looks on a background with the CIELCh color 67, 88.717, 133.703.

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





Tritanopia
67, 24.944, 215.851

Trichromacy



Original Color
67, 88.717, 133.703



Protanomaly
65, 71.973, 114.651



Deuteranomaly
65, 63.706, 109.163



Tritanomaly
66, 44.382, 155.874

Monochromacy



Original Color
67, 88.717, 133.703



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 38.810, 135.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 88.717, 133.703 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(60, 187, 20)` looks like.

```
.text, #text, p{  
    color:rgb(60, 187, 20)  
}
```

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(60, 187, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 187, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 88.717, 133.703 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(60, 187, 20) }
```

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

```
.border{ border-color:rgb(60, 187, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 187, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 187, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 187, 20);  
box-shadow:4px 4px 4px 4px rgb(60, 187,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 88.717, 133.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 187, 20) }
```

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

```
.background{ background-color: rgb(60, 187,  
20) }
```

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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