

Converting Colors

CIELCh(66, 88.282, 134.359)

Have a look what the booklet for
CIELCh(66, 88.282, 134.359)
contains.

CIELCh(66, 88.504, 134.429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 88.504, 134.429)

Conversions

Conversions Part 1

Format	Color
Hex	34B914
RGB	52, 185, 20
RGB Percent	20%, 73%, 8%
CMY	0.7944, 0.2761, 0.9202
CMYK	0.72, 0.00, 0.89, 0.28
HSL	108°, 80%, 40%
HSV	108°, 89%, 72%
XYZ	18.8328, 35.3238, 6.5029
YIQ	126.4230, -26.3030, -79.5110

Conversions

Conversions Part 2

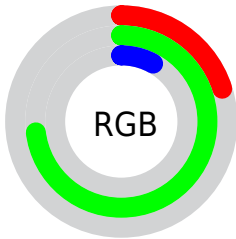
Format	Color
R _Y B	20, 185, 153
Decimal	3455252
CIE Lab	66.00, -61.96, 63.20
CIE LCh	66, 88.504, 134.429
Yxy	35.3238, 0.3105, 0.5823
Android (android.graphics.Color)	4281645332 (0xFF34B914)
YUV	126.4230, -52.4665, -65.2690
Hunter-Lab	59.4338, -47.4480, 35.1165

Details

The CIELCh color **66, 88.504, 134.429** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **39, 89.079, 321.306**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 88.825, 134.409**, and **47, 72.660, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **66, 92.015, 134.692**, and if you desaturate by 10%, it is **66, 82.894, 134.483**.

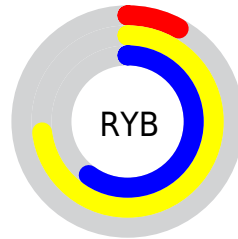
Distribution



Red (20%)

Green (73%)

Blue (8%)



Red (8%)

Yellow (73%)

Blue (60%)

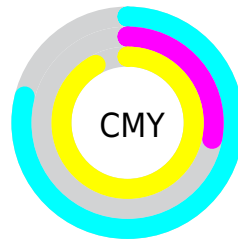


Cyan (72%)

Magenta (0%)

Yellow (89%)

Black (28%)



Cyan (79%)

Magenta (28%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 88.504, 134.429 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 66, 88.504, 134.429 by changing the saturation by 10% instead.

 66, 88.504,
134.429

 66, 88.504,
134.429

 100, 88.504,
134.429

 56, 88.504,
134.429


 86, 88.504,
134.429

 46, 88.504,
134.429

 96, 88.504,
134.429

 36, 88.504,
134.429

 26, 88.504,
134.429

 16, 88.504,
134.429

 6, 88.504, 134.429

 0, 88.504, 134.429

■ 66, 88.504,
134.429

■ 66, 88.504,
134.429

■ 66, 92.015,
134.692

■ 66, 82.894,
134.483

■ 66, 92.324,
134.707

■ 67, 75.259,
134.863

■ 68, 66.071,
135.445

■ 69, 55.801,
136.115

■ 70, 44.835,
136.794

■ 71, 33.464,
137.440

■ 72, 21.906,
138.029

■ 74, 10.322,

138.559

■ 75, 1.173, 318.826

Harmonies

Complementary

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



66, 88.504, 134.429



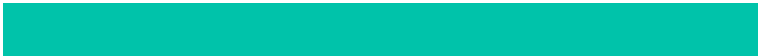
39, 89.079, 321.306

Rectangle

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



66, 88.504, 134.429



66, 88.504, 184.429



66, 88.504, 314.429



66, 88.504, 4.429

Sweetspot

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



66, 88.504, 134.430



90, 38.554, 137.534



64, 64.563, 89.489



47, 25.949, 137.325



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 88.504, 134.430



83, 112.518, 134.856



66, 77.657, 143.221



38, 6.484, 138.541



56, 81.220, 134.582



8, 18.062, 140.495

Inverse Universe

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



39, 89.079, 321.306



49, 112.356, 320.756



42, 71.405, 342.900



36, 6.519, 319.342



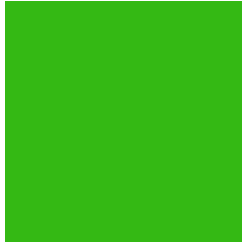
31, 81.327, 320.959



2, 17.256, 316.492

Previews

White Background



This preview shows how the CIELCh color 66, 88.504, 134.429 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 66, 88.504, 134.429 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 66, 88.504, 134.429

Background



This preview shows how black text looks on a background with the CIELCh color 66, 88.504, 134.429.



This preview shows how white text looks on a background with the CIELCh color 66, 88.504, 134.429.

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


66, 88.768, 134.454

Protanopia

66, 67.805, 95.549

Deuteranopia

65, 60.142, 81.834



Tritanopia
66, 25.589, 215.358

Trichromacy



Original Color
66, 88.768, 134.454



Protanomaly
64, 71.656, 115.763



Deuteranomaly
64, 63.147, 110.453



Tritanomaly
65, 44.805, 157.020

Monochromacy



Original Color
66, 88.768, 134.454



Achromatopsia
53, 0.007, 296.813



Achromatomaly
56, 38.430, 137.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 88.504, 134.429 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(52, 185, 20)` looks like.

```
.text, #text, p{  
    color:rgb(52, 185, 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(52, 185, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 185, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 88.504, 134.429 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(52, 185, 20) }
```

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

```
.border{ border-color:rgb(52, 185, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 185, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 185, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 185, 20);  
box-shadow:4px 4px 4px 4px rgb(52, 185,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 88.504, 134.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 185, 20) }
```

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

```
.background{ background-color: rgb(52, 185,  
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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