

Converting Colors

CIELCh(66, 93.740, 136.212)

Have a look what the booklet for
CIELCh(66, 93.740, 136.212)
contains.

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Color

CIELCh(66, 93.630, 136.185)

Conversions

Conversions Part 1

Format	Color
Hex	08BA08
RGB	8, 186, 8
RGB Percent	3%, 73%, 3%
CMY	0.9702, 0.2693, 0.9692
CMYK	0.96, 0.00, 0.96, 0.27
HSL	120°, 92%, 38%
HSV	120°, 96%, 73%
XYZ	17.7669, 35.3238, 6.1068
YIQ	112.4860, -48.9500, -93.0940

Conversions

Conversions Part 2

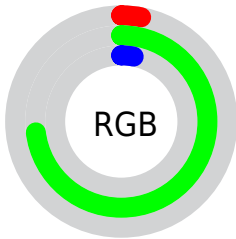
Format	Color
RYB	8, 186, 186
Decimal	571912
CIELab	66.00, -67.56, 64.82
CIELCh	66, 93.630, 136.185
Yxy	35.3238, 0.3001, 0.5967
Android (android.graphics.Color)	4278761992 (0xFF08BA08)
YUV	112.4860, -51.5116, -91.6342
Hunter-Lab	59.4338, -50.6493, 35.5117

Details

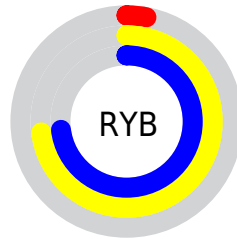
The CIELCh color **66, 93.630, 136.185** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **45, 90.407, 328.257**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **86, 93.741, 136.250**, and **47, 73.063, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **66, 94.596, 136.027**, and if you desaturate by 10%, it is **66, 90.330, 136.716**.

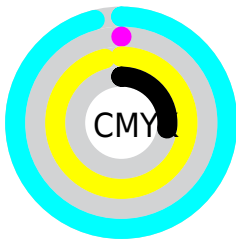
Distribution



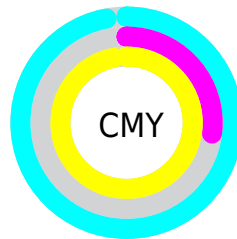
- Red (3%)
- Green (73%)
- Blue (3%)



- Red (3%)
- Yellow (73%)
- Blue (73%)



- Cyan (96%)
- Magenta (0%)
- Yellow (96%)
- Black (27%)





- Cyan (97%)
- Magenta (27%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 93.630, 136.185 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, 93.630, 136.185 by changing the saturation by 10% instead.


 66, 93.630,
136.185


 66, 93.630,
136.185


 100, 93.630,
136.185


 56, 93.630,
136.185


 86, 93.630,
136.185

 46, 93.630,
136.185

 96, 93.630,
136.185

 36, 93.630,
136.185

 26, 93.630,
136.185

 16, 93.630,
136.185

 6, 93.630, 136.185

 0, 93.630, 136.185

■ 66, 93.630,
136.185

■ 66, 93.630,
136.185

■ 66, 94.596,
136.027

■ 66, 90.330,
136.716

■ 67, 84.563,
137.578

■ 67, 76.604,
138.645

■ 68, 66.930,
139.777

■ 69, 56.019,
140.871

■ 70, 44.289,
141.869

■ 71, 32.084,
142.749

■ 73, 19.675,

143.511

■ 75, 7.271, 144.178

Harmonies

Complementary

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



66, 93.630, 136.185



45, 90.407, 328.257

Rectangle

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



66, 93.630, 136.185



66, 93.630, 186.185



66, 93.630, 316.185



66, 93.630, 6.185

Sweetspot

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



66, 93.629, 136.186



90, 44.394, 142.450



73, 75.735, 102.926



47, 30.654, 142.069



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 93.629, 136.186



84, 115.192, 136.024



67, 68.638, 150.007



39, 7.051, 143.955



57, 83.767, 136.030



9, 21.663, 144.418

Inverse Universe

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



45, 90.407, 328.257



57, 111.039, 328.290



40, 66.417, 0.444



37, 7.061, 324.966



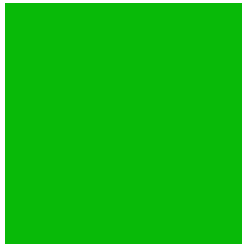
37, 80.760, 328.288



3, 21.460, 325.508

Previews

White Background



This preview shows how the CIELCh color 66, 93.630, 136.185 looks on a white background.

Color Contrast Check

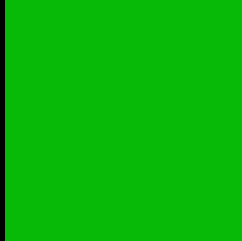
Large Text (above 18pt) WCAG AA × Fail

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, 93.630, 136.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

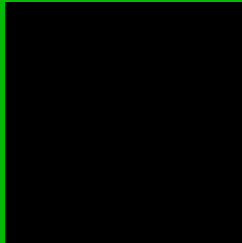
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 93.630, 136.185

Background



This preview shows how black text looks on a background with the CIELCh color 66, 93.630, 136.185.

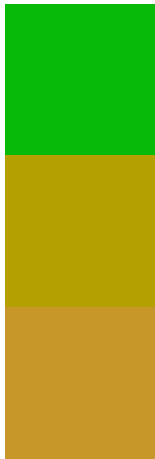


This preview shows how white text looks on a background with the CIELCh color 66, 93.630, 136.185.

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, 93.475, 136.184

Protanopia
66, 69.060, 95.168

Deuteranopia
65, 61.174, 82.078



Tritanopia
66, 28.447, 213.304

Trichromacy



Original Color
66, 93.475, 136.184



Protanomaly
64, 75.296, 120.468



Deuteranomaly
63, 66.625, 116.339



Tritanomaly
65, 51.003, 158.176

Monochromacy



Original Color
66, 93.475, 136.184



Achromatopsia
48, 0.006, 296.813



Achromatomaly
53, 44.929, 140.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 93.630, 136.185 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(8, 186, 8)` looks like.

```
.text, #text, p{  
    color:rgb(8, 186, 8)  
}
```

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(8, 186, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 186, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 93.630, 136.185 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(8, 186, 8) }
```

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

```
.border{ border-color:rgb(8, 186, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 186, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 186, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 186, 8); box-shadow:4px  
4px 4px 4px rgb(8, 186, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 93.630, 136.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 186, 8) }
```

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

```
.background{ background-color: rgb(8, 186,  
8) }
```

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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