

Converting Colors

CIELCh(66, 90.987, 136.156)

Have a look what the booklet for
CIELCh(66, 90.987, 136.156)
contains.

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Color

CIELCh(66, 91.183, 136.145)

Conversions

Conversions Part 1

Format	Color
Hex	1CBA14
RGB	28, 186, 20
RGB Percent	11%, 73%, 8%
CMY	0.8920, 0.2714, 0.9229
CMYK	0.85, 0.00, 0.89, 0.27
HSL	117°, 81%, 40%
HSV	117°, 89%, 73%
XYZ	18.1064, 35.3238, 6.5098
YIQ	119.8340, -40.8820, -85.1220

Conversions

Conversions Part 2

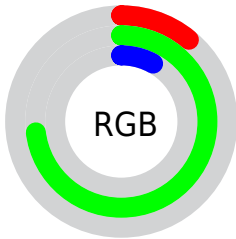
Format	Color
RYB	20, 186, 178
Decimal	1882644
CIELab	66.00, -65.75, 63.17
CIELCh	66, 91.183, 136.145
Yxy	35.3238, 0.3021, 0.5893
Android (android.graphics.Color)	4280072724 (0xFF1CBA14)
YUV	119.8340, -49.2182, -80.5384
Hunter-Lab	59.4338, -49.6295, 35.1097

Details

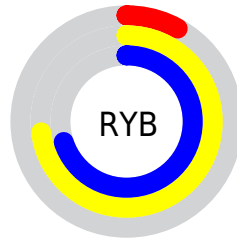
The CIELCh color **66, 91.183, 136.145** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **43, 88.857, 326.434**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **86, 91.109, 136.053**, and **47, 73.063, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **66, 94.030, 135.846**, and if you desaturate by 10%, it is **66, 86.091, 136.708**.

Distribution



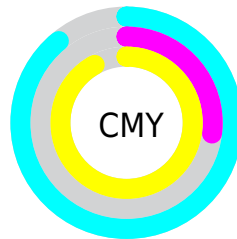
- Red (11%)
- Green (73%)
- Blue (8%)



- Red (8%)
- Yellow (73%)
- Blue (70%)



- Cyan (85%)
- Magenta (0%)
- Yellow (89%)
- Black (27%)





- Cyan (89%)
- Magenta (27%)
- Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 91.183, 136.145 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, 91.183, 136.145 by changing the saturation by 10% instead.


 66, 91.183,
136.145


 66, 91.183,
136.145


 100, 91.183,
136.145


 56, 91.183,
136.145


 86, 91.183,
136.145

 46, 91.183,
136.145

 96, 91.183,
136.145

 36, 91.183,
136.145

 26, 91.183,
136.145

 16, 91.183,
136.145

 6, 91.183, 136.145

 0, 91.183, 136.145

■ 66, 91.183,
136.145

■ 66, 91.183,
136.145

■ 66, 94.030,
135.846

■ 66, 86.091,
136.708

■ 66, 94.169,
135.822

■ 67, 78.730,
137.544

■ 67, 69.559,
138.515

■ 68, 59.070,
139.506

■ 69, 47.696,
140.443

■ 71, 35.787,
141.288

■ 72, 23.618,
142.031

■ 74, 11.400,

142.679

■ 76, 0.712, 322.874

Harmonies

Complementary

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



66, 91.183, 136.145



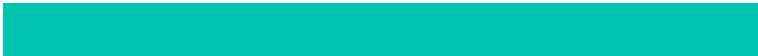
43, 88.857, 326.434

Rectangle

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



66, 91.183, 136.145



66, 91.183, 186.145



66, 91.183, 316.145



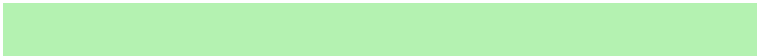
66, 91.183, 6.145

Sweetspot

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



66, 91.183, 136.146



90, 40.765, 141.442



71, 71.391, 100.087



48, 27.670, 141.171



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, 91.183, 136.146



84, 114.992, 135.876



67, 68.898, 149.041



38, 6.793, 142.684



56, 82.526, 135.775



8, 18.683, 143.519

Inverse Universe

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



43, 88.857, 326.434



55, 111.443, 326.345



41, 66.409, 353.884



36, 6.809, 323.629



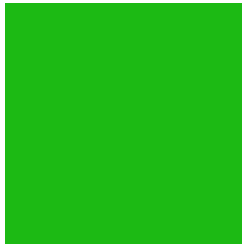
35, 80.082, 326.400



3, 18.380, 322.735

Previews

White Background



This preview shows how the CIELCh color 66, 91.183, 136.145 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, 91.183, 136.145 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, 91.183, 136.145

Background



This preview shows how black text looks on a background with the CIELCh color 66, 91.183, 136.145.

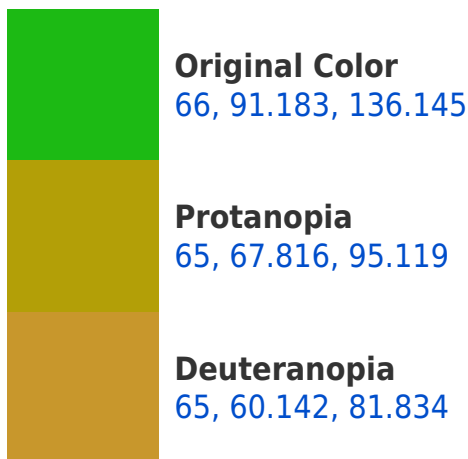



This preview shows how white text looks on a background with the CIELCh color 66, 91.183, 136.145.

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
66, 27.872, 213.683

Trichromacy



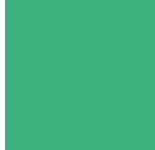
Original Color
66, 91.183, 136.145



Protanomaly
64, 72.845, 118.555



Deuteranomaly
63, 64.267, 114.247



Tritanomaly
65, 47.985, 158.927

Monochromacy



Original Color
66, 91.183, 136.145



Achromatopsia
50, 0.007, 296.813



Achromatomaly
55, 41.077, 140.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 91.183, 136.145 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(28, 186, 20)` looks like.

```
.text, #text, p{  
    color:rgb(28, 186, 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(28, 186, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 186, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 91.183, 136.145 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(28, 186, 20) }
```

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

```
.border{ border-color:rgb(28, 186, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 186, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 186, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 186, 20);  
box-shadow:4px 4px 4px 4px rgb(28, 186,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 91.183, 136.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 186, 20) }
```

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

```
.background{ background-color: rgb(28, 186,  
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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