

Converting Colors

CIELCh(66, 50.492, 140.290)

Have a look what the booklet for
CIELCh(66, 50.492, 140.290)
contains.

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Color

CIELCh(66, 50.531, 140.268)

Conversions

Conversions Part 1

Format	Color
Hex	67B164
RGB	103, 177, 100
RGB Percent	40%, 69%, 39%
CMY	0.5955, 0.3052, 0.6073
CMYK	0.42, 0.00, 0.43, 0.31
HSL	118°, 33%, 54%
HSV	118°, 43%, 69%
XYZ	23.6730, 35.3238, 17.6647
YIQ	146.0960, -19.3870, -39.6350

Conversions

Conversions Part 2

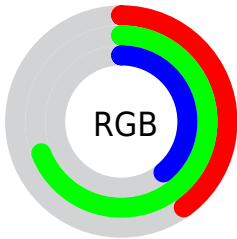
Format	Color
RYB	100, 177, 174
Decimal	6795620
CIELab	66.00, -38.86, 32.30
CIELCh	66, 50.531, 140.268
Yxy	35.3238, 0.3088, 0.4608
Android (android.graphics.Color)	4284985700 (0xFF67B164)
YUV	146.0960, -22.7253, -37.7952
Hunter-Lab	59.4338, -32.9111, 23.9818

Details

The CIELCh color **66, 50.531, 140.268** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **53, 50.552, 325.560**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 50.289, 140.166**, and **46, 50.786, 140.107** is the 20% darker color. If you saturate the color by 10%, you get **65, 61.199, 139.290**, and if you desaturate by 10%, it is **67, 39.220, 141.163**.

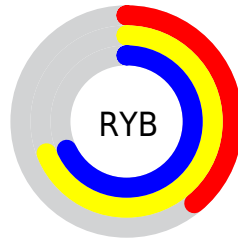
Distribution



Red (40%)

Green (69%)

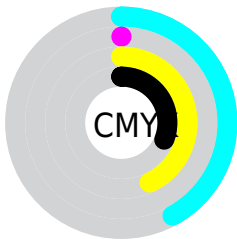
Blue (39%)



Red (39%)

Yellow (69%)

Blue (68%)

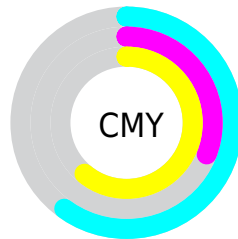


Cyan (42%)

Magenta (0%)

Yellow (43%)

Black (31%)



Cyan (60%)


Magenta (31%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 50.531, 140.268 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, 50.531, 140.268 by changing the saturation by 10% instead.

 66, 50.531,
140.268


 66, 50.531,
140.268


 100, 50.531,
140.268


 56, 50.531,
140.268


 86, 50.531,
140.268

 46, 50.531,
140.268

 96, 50.531,
140.268

 36, 50.531,
140.268

 26, 50.531,
140.268

 16, 50.531,
140.268

 6, 50.531, 140.268

 0, 50.531, 140.268

■ 66, 50.531,
140.268

■ 66, 50.531,
140.268

■ 65, 61.199,
139.290

■ 67, 39.220,
141.163

■ 64, 70.854,
138.276

■ 68, 27.557,
141.955

■ 64, 79.056,
137.317

■ 70, 15.771,
142.644

■ 63, 85.328,
136.542

■ 72, 4.032, 143.271

■ 73, 7.538, 323.682

■ 63, 89.300,
136.079

■ 75, 18.855,
324.122

■ 63, 90.928,
135.846

■ 78, 29.866,
324.484

■ 80, 40.541,
324.789

■ 82, 48.715,
326.108

Harmonies

Complementary

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



66, 50.531, 140.268



53, 50.552, 325.560

Rectangle

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



66, 50.531, 140.268



66, 50.531, 190.268



66, 50.531, 320.268



66, 50.531, 10.268

Sweetspot

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



66, 50.532, 140.268



88, 18.782, 142.660



70, 39.076, 103.767



46, 13.143, 142.519



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 50.532, 140.268



82, 73.540, 139.349



66, 36.537, 156.842



37, 6.655, 142.904



55, 81.574, 135.813



7, 16.103, 143.638

Inverse Universe

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



53, 50.552, 325.560



64, 73.356, 325.951



52, 37.903, 345.125



35, 6.669, 323.856



35, 79.076, 326.719



2, 15.956, 322.839

Previews

White Background



This preview shows how the CIELCh color 66, 50.531, 140.268 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, 50.531, 140.268 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, 50.531, 140.268

Background



This preview shows how black text looks on a background with the CIELCh color 66, 50.531, 140.268.

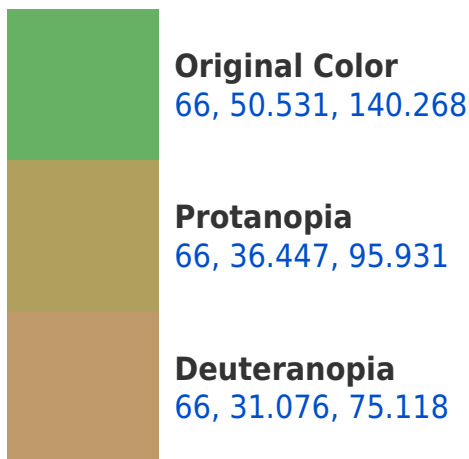



This preview shows how white text looks on a background with the CIELCh color 66, 50.531, 140.268.

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, 17.629, 222.488

Trichromacy



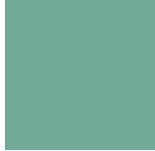
Original Color
66, 50.531, 140.268



Protanomaly
65, 38.400, 117.023



Deuteranomaly
65, 31.582, 109.108



Tritanomaly
66, 23.500, 170.720

Monochromacy



Original Color
66, 50.531, 140.268



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 18.974, 142.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 50.531, 140.268 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(103, 177, 100)` looks like.

```
.text, #text, p{  
    color:rgb(103, 177, 100)  
}
```

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(103, 177, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 177, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 50.531, 140.268 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(103, 177, 100) }
```

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

```
.border{ border-color:rgb(103, 177, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 177, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 177, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 177, 100);  
box-shadow:4px 4px 4px 4px rgb(103, 177,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 50.531, 140.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 177, 100) }
```

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

```
.background{ background-color: rgb(103,  
177, 100) }
```

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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