

Converting Colors

CIELCh(65, 54.125, 143.146)

Have a look what the booklet for
CIELCh(65, 54.125, 143.146)
contains.

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Color

CIELCh(65, 54.125, 143.146)

Conversions

Conversions Part 1

Format	Color
Hex	58B061
RGB	88, 176, 97
RGB Percent	35%, 69%, 38%
CMY	0.6544, 0.3093, 0.6191
CMYK	0.50, 0.00, 0.45, 0.31
HSL	126°, 36%, 52%
HSV	126°, 50%, 69%
XYZ	21.7502, 34.0472, 16.7633
YIQ	140.6820, -27.0890, -43.2250

Conversions

Conversions Part 2

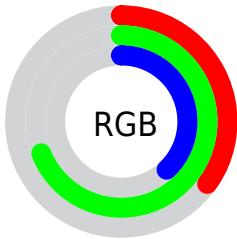
Format	Color
RYB	88, 168, 176
Decimal	5812321
CIELab	65.00, -43.31, 32.46
CIElCh	65, 54.125, 143.146
Yxy	34.0472, 0.2998, 0.4692
Android (android.graphics.Color)	4284002401 (0xFF58B061)
YUV	140.6820, -21.5352, -46.2021
Hunter-Lab	58.3500, -35.5757, 23.8116

Details

The CIELCh color **65, 54.125, 143.146** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **51, 53.817, 330.210**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 53.936, 143.347**, and **45, 54.468, 142.911** is the 20% darker color. If you saturate the color by 10%, you get **64, 63.705, 141.919**, and if you desaturate by 10%, it is **66, 43.810, 144.244**.

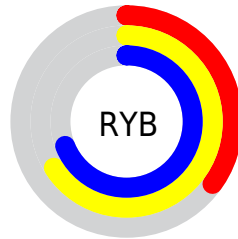
Distribution



Red (35%)

Green (69%)

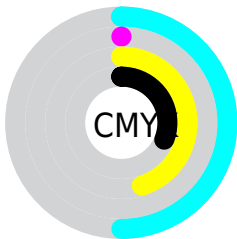
Blue (38%)



Red (35%)

Yellow (66%)

Blue (69%)

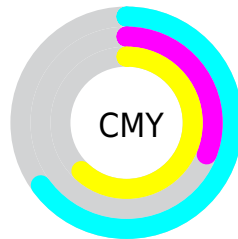


Cyan (50%)

Magenta (0%)

Yellow (45%)

Black (31%)



Cyan (65%)


Magenta (31%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 54.125, 143.146 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 65, 54.125, 143.146 by changing the saturation by 10% instead.


 65, 54.125,
143.146


 65, 54.125,
143.146


 100, 54.125,
143.146


 55, 54.125,
143.146


 85, 54.125,
143.146

 45, 54.125,
143.146

 95, 54.125,
143.146

 35, 54.125,
143.146

 25, 54.125,
143.146

 15, 54.125,
143.146

 5, 54.125, 143.146

 0, 54.125, 143.146

■ 65, 54.125,
143.146

■ 65, 54.125,
143.146

■ 64, 63.705,
141.919

■ 66, 43.810,
144.244

■ 64, 72.246,
140.594

■ 67, 33.028,
145.205

■ 63, 79.429,
139.240

■ 69, 22.008,
146.036

■ 63, 84.944,
137.967

■ 70, 10.936,
146.757

■ 63, 88.653,
136.976

■ 72, 0.047, 321.840

■ 63, 88.663,
136.973

■ 74, 10.837,
327.835

■ 76, 21.366,
328.293

■ 78, 31.590,
328.681

■ 80, 41.486,
329.016

Harmonies

Complementary

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



65, 54.125, 143.146



51, 53.817, 330.210

Rectangle

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



65, 54.125, 143.146



65, 54.125, 193.146



65, 54.125, 323.146



65, 54.125, 13.146

Sweetspot

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



65, 54.126, 143.146



88, 20.475, 146.387



70, 46.452, 110.174



46, 13.965, 146.236



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 54.126, 143.146



82, 78.842, 141.779



66, 36.380, 164.057



37, 6.281, 146.800



55, 79.679, 137.100



7, 15.403, 146.644

Inverse Universe

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



51, 53.817, 330.210



61, 77.642, 330.816



49, 39.965, 355.428



35, 6.294, 327.844



35, 72.933, 332.695



2, 14.644, 328.871

Previews

White Background



This preview shows how the CIE LCh color 65, 54.125, 143.146 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 CIE LCh color 65, 54.125, 143.146 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 65, 54.125, 143.146

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.125, 143.146.

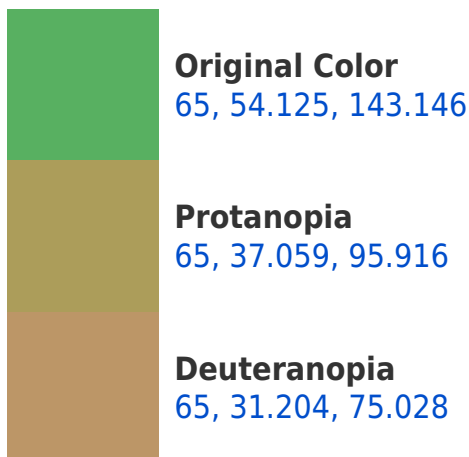


This preview shows how white text looks on a background with the CIELCh color 65, 54.125, 143.146.

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
65, 20.516, 218.713

Trichromacy



Original Color
65, 54.125, 143.146



Protanomaly
64, 39.447, 119.766



Deuteranomaly
64, 32.337, 112.736



Tritanomaly
65, 27.091, 172.783

Monochromacy



Original Color
65, 54.125, 143.146



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 20.655, 145.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.125, 143.146 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(88, 176, 97)` looks like.

```
.text, #text, p{  
    color:rgb(88, 176, 97)  
}
```

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(88, 176, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 176, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.125, 143.146 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(88, 176, 97) }
```

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

```
.border{ border-color:rgb(88, 176, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 176, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 176, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 176, 97);  
box-shadow:4px 4px 4px 4px rgb(88, 176,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.125, 143.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 176, 97) }
```

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

```
.background{ background-color: rgb(88, 176,  
97) }
```

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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