

Converting Colors

CIELCh(66, 57.539, 143.990)

Have a look what the booklet for
CIELCh(66, 57.539, 143.990)
contains.

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Color

CIELCh(66, 57.495, 144.085)

Conversions

Conversions Part 1

Format	Color
Hex	52B461
RGB	82, 180, 97
RGB Percent	32%, 71%, 38%
CMY	0.6782, 0.2939, 0.6194
CMYK	0.54, 0.00, 0.46, 0.29
HSL	129°, 40%, 51%
HSV	129°, 54%, 71%
XYZ	21.9761, 35.3238, 16.9807
YIQ	141.2360, -31.7650, -46.5890

Conversions

Conversions Part 2

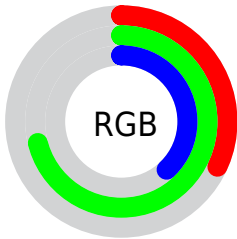
Format	Color
RYB	82, 167, 180
Decimal	5420129
CIELab	66.00, -46.56, 33.73
CIELCh	66, 57.495, 144.085
Yxy	35.3238, 0.2959, 0.4755
Android (android.graphics.Color)	4283610209 (0xFF52B461)
YUV	141.2360, -21.8083, -51.9500
Hunter-Lab	59.4338, -38.0076, 24.6641

Details

The CIELCh color **66, 57.495, 144.085** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **50, 57.044, 332.302**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 57.588, 144.013**, and **46, 57.478, 144.088** is the 20% darker color. If you saturate the color by 10%, you get **65, 66.573, 142.746**, and if you desaturate by 10%, it is **67, 47.618, 145.282**.

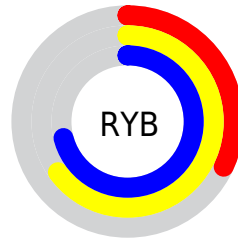
Distribution



Red (32%)

Green (71%)

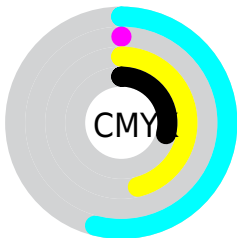
Blue (38%)



Red (32%)

Yellow (65%)

Blue (71%)

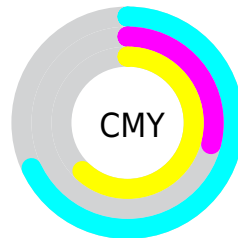


Cyan (54%)

Magenta (0%)

Yellow (46%)

Black (29%)



Cyan (68%)


Magenta (29%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 57.495, 144.085 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, 57.495, 144.085 by changing the saturation by 10% instead.

 66, 57.495,
144.085


 66, 57.495,
144.085


 100, 57.495,
144.085


 56, 57.495,
144.085


 86, 57.495,
144.085

 46, 57.495,
144.085

 96, 57.495,
144.085

 36, 57.495,
144.085

 26, 57.495,
144.085

 16, 57.495,
144.085

 6, 57.495, 144.085

 0, 57.495, 144.085

■ 66, 57.495,
144.085

■ 66, 57.495,
144.085

■ 65, 66.573,
142.746

■ 67, 47.618,
145.282

■ 65, 74.582,
141.295

■ 68, 37.195,
146.330

■ 64, 81.259,
139.797

■ 69, 26.454,
147.238

■ 64, 86.372,
138.357

■ 71, 15.588,
148.023

■ 64, 88.567,
137.697

■ 73, 4.751, 148.732

■ 74, 5.943, 329.204

■ 76, 16.412,
329.731

■ 78, 26.601,
330.169

■ 81, 36.480,
330.548

Harmonies

Complementary

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



66, 57.495, 144.085



50, 57.044, 332.302

Rectangle

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



66, 57.495, 144.085



66, 57.495, 194.085



66, 57.495, 324.085



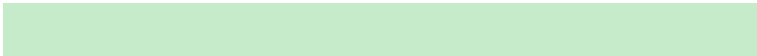
66, 57.495, 14.085

Sweetspot

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



66, 57.496, 144.085



90, 21.451, 147.887



70, 51.321, 112.189



47, 14.480, 147.733



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 57.496, 144.085



83, 82.905, 142.508



67, 38.165, 166.577



37, 6.058, 148.388



55, 78.195, 137.884



7, 14.985, 147.832

Inverse Universe

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



50, 57.044, 332.302



60, 81.064, 333.051



48, 43.384, 359.832



35, 6.074, 329.464



35, 70.150, 335.307



2, 13.931, 331.261

Previews

White Background



This preview shows how the CIE LCh color 66, 57.495, 144.085 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, 57.495, 144.085 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, 57.495, 144.085

Background



This preview shows how black text looks on a background with the CIELCh color 66, 57.495, 144.085.

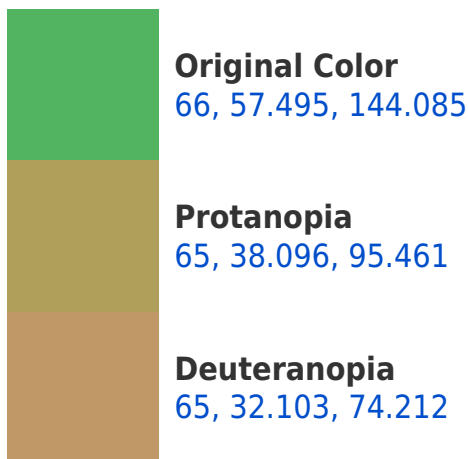



This preview shows how white text looks on a background with the CIELCh color 66, 57.495, 144.085.

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, 22.360, 218.294

Trichromacy



Original Color
66, 57.495, 144.085



Protanomaly
65, 41.273, 121.396



Deuteranomaly
65, 33.424, 113.915



Tritanomaly
66, 29.931, 172.783

Monochromacy



Original Color
66, 57.495, 144.085



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 21.797, 147.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 57.495, 144.085 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(82, 180, 97)` looks like.

```
.text, #text, p{  
    color:rgb(82, 180, 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(82, 180, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 180, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 57.495, 144.085 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(82, 180, 97) }
```

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

```
.border{ border-color:rgb(82, 180, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 180, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 180, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 180, 97);  
box-shadow:4px 4px 4px 4px rgb(82, 180,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 57.495, 144.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 180, 97) }
```

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

```
.background{ background-color: rgb(82, 180,  
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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