

Converting Colors

CIELCh(67, 60.103, 145.752)

Have a look what the booklet for
CIELCh(67, 60.103, 145.752)
contains.

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Color

CIELCh(67, 60.251, 145.707)

Conversions

Conversions Part 1

Format	Color
Hex	4AB863
RGB	74, 184, 99
RGB Percent	29%, 72%, 39%
CMY	0.7099, 0.2785, 0.6118
CMYK	0.60, 0.00, 0.46, 0.28
HSL	134°, 44%, 51%
HSV	134°, 60%, 72%
XYZ	22.2127, 36.6320, 17.7019
YIQ	141.4200, -38.2750, -49.7550

Conversions

Conversions Part 2

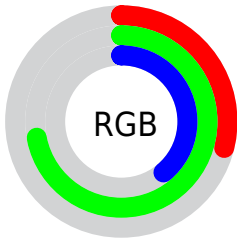
Format	Color
RYB	74, 164, 184
Decimal	4896867
CIELab	67.00, -49.78, 33.95
CIELCh	67, 60.251, 145.707
Yxy	36.6320, 0.2902, 0.4786
Android (android.graphics.Color)	4283086947 (0xFF4AB863)
YUV	141.4200, -20.9131, -59.1273
Hunter-Lab	60.5244, -40.4074, 25.0262

Details

The CIELCh color **67, 60.251, 145.707** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **49, 59.682, 335.720**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 60.381, 145.762**, and **47, 59.313, 144.750** is the 20% darker color. If you saturate the color by 10%, you get **66, 68.593, 144.207**, and if you desaturate by 10%, it is **68, 51.073, 147.043**.

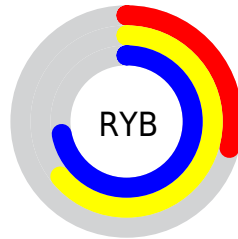
Distribution



Red (29%)

Green (72%)

Blue (39%)



Red (29%)

Yellow (64%)

Blue (72%)

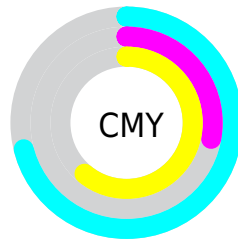


Cyan (60%)

Magenta (0%)

Yellow (46%)

Black (28%)



Cyan (71%)


Magenta (28%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 60.251, 145.707 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 67, 60.251, 145.707 by changing the saturation by 10% instead.


 67, 60.251,
145.707


 67, 60.251,
145.707


 100, 60.251,
145.707


 57, 60.251,
145.707


 87, 60.251,
145.707

 47, 60.251,
145.707

 97, 60.251,
145.707

 37, 60.251,
145.707

 27, 60.251,
145.707

 17, 60.251,
145.707

 7, 60.251, 145.707

 0, 60.251, 145.707

67, 60.251,
145.707

67, 60.251,
145.707

66, 68.593,
144.207

68, 51.073,
147.043

66, 75.890,
142.569

69, 41.274,
148.214

66, 81.970,
140.850

70, 31.069,
149.231

65, 86.787,
139.212

72, 20.648,
150.113

65, 86.879,
139.182

73, 10.174,
150.886

75, 0.227, 330.206

77, 10.460,
332.058

79, 20.457,
332.574

■ 81, 30.176,
333.021

Harmonies

Complementary

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



67, 60.251, 145.707



49, 59.682, 335.720

Rectangle

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



67, 60.251, 145.707



67, 60.251, 195.707



67, 60.251, 325.707



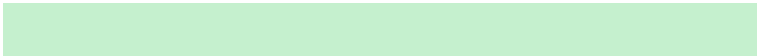
67, 60.251, 15.707

Sweetspot

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



67, 60.252, 145.707



91, 23.279, 150.234



71, 57.204, 114.963



48, 16.175, 149.996



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 60.252, 145.707



84, 86.835, 143.661



68, 39.479, 170.462



38, 5.877, 150.919



56, 76.313, 139.421



8, 16.829, 149.378

Inverse Universe

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



49, 59.682, 335.720



59, 83.871, 336.890



47, 47.593, 6.088



36, 5.898, 332.059



35, 67.201, 339.675



3, 14.998, 335.349

Previews

White Background



This preview shows how the CIELCh color 67, 60.251, 145.707 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 67, 60.251, 145.707 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 67, 60.251, 145.707

Background



This preview shows how black text looks on a background with the CIELCh color 67, 60.251, 145.707.

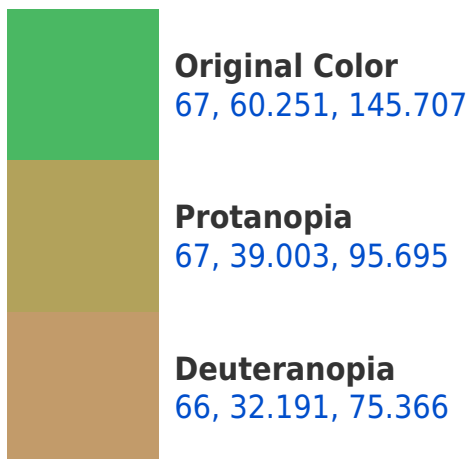


This preview shows how white text looks on a background with the CIELCh color 67, 60.251, 145.707.

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



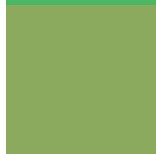


Tritanopia
67, 24.491, 216.231

Trichromacy



Original Color
67, 60.251, 145.707



Protanomaly
66, 42.637, 123.086



Deuteranomaly
66, 34.767, 117.738

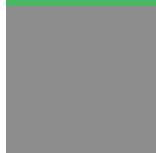


Tritanomaly
67, 32.288, 174.553

Monochromacy



Original Color
67, 60.251, 145.707



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 23.408, 149.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 60.251, 145.707 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(74, 184, 99)` looks like.

```
.text, #text, p{  
    color:rgb(74, 184, 99)  
}
```

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(74, 184, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 184, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 60.251, 145.707 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(74, 184, 99) }
```

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

```
.border{ border-color:rgb(74, 184, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 184, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 184, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 184, 99);  
box-shadow:4px 4px 4px 4px rgb(74, 184,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 60.251, 145.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 184, 99) }
```

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

```
.background{ background-color: rgb(74, 184,  
99) }
```

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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