

Converting Colors

CIELCh(67, 59.433, 146.319)

Have a look what the booklet for
CIELCh(67, 59.433, 146.319)
contains.

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Color

CIELCh(67, 59.433, 146.319)

Conversions

Conversions Part 1

Format	Color
Hex	4AB865
RGB	74, 184, 101
RGB Percent	29%, 72%, 40%
CMY	0.7102, 0.2788, 0.6042
CMYK	0.60, 0.00, 0.45, 0.28
HSL	135°, 44%, 51%
HSV	135°, 60%, 72%
XYZ	22.2822, 36.6320, 18.1865
YIQ	141.6480, -38.9170, -49.1330

Conversions

Conversions Part 2

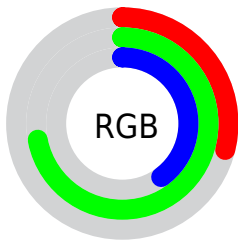
Format	Color
RYB	74, 162, 184
Decimal	4896869
CIELab	67.00, -49.46, 32.96
CIElCh	67, 59.433, 146.319
Yxy	36.6320, 0.2890, 0.4751
Android (android.graphics.Color)	4283086949 (0xFF4AB865)
YUV	141.6480, -20.0395, -59.3273
Hunter-Lab	60.5244, -40.2024, 24.5514

Details

The CIELCh color **67, 59.433, 146.319** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **49, 58.971, 336.537**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 59.576, 146.351**, and **47, 58.526, 145.359** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.671, 144.800**, and if you desaturate by 10%, it is **68, 50.382, 147.669**.

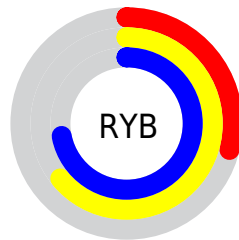
Distribution



Red (29%)

Green (72%)

Blue (40%)



Red (29%)

Yellow (64%)

Blue (72%)

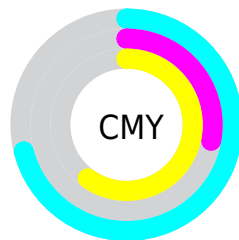


Cyan (60%)

Magenta (0%)

Yellow (45%)

Black (28%)



Cyan (71%)


Magenta (28%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 59.433, 146.319 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, 59.433, 146.319 by changing the saturation by 10% instead.


 67, 59.433,
146.319


 67, 59.433,
146.319


 100, 59.433,
146.319


 57, 59.433,
146.319


 87, 59.433,
146.319

 47, 59.433,
146.319

 97, 59.433,
146.319

 37, 59.433,
146.319

 27, 59.433,
146.319

 17, 59.433,
146.319

 7, 59.433, 146.319

 0, 59.433, 146.319

67, 59.433,
146.319

67, 59.433,
146.319

66, 67.671,
144.800

68, 50.382,
147.669

66, 74.903,
143.132

69, 40.724,
148.850

66, 80.973,
141.366

70, 30.666,
149.876

65, 85.855,
139.660

71, 20.394,
150.767

65, 85.936,
139.632

73, 10.066,
151.549

75, 0.194, 330.625

77, 10.291,
332.739

79, 20.158,
333.265

■ 81, 29.755,
333.723

Harmonies

Complementary

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



67, 59.433, 146.319



49, 58.971, 336.537

Rectangle

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



67, 59.433, 146.319



67, 59.433, 196.319



67, 59.433, 326.319



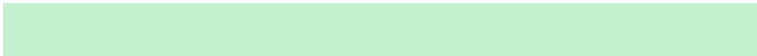
67, 59.433, 16.319

Sweetspot

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



67, 59.434, 146.319



91, 22.967, 150.891



71, 57.364, 115.711



48, 15.957, 150.651



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, 59.434, 146.319



84, 85.681, 144.249



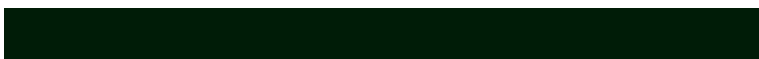
68, 38.896, 171.718



38, 5.799, 151.585



56, 75.494, 139.881



8, 16.669, 149.827

Inverse Universe

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



49, 58.971, 336.537



59, 82.870, 337.788



47, 47.531, 7.375



36, 5.822, 332.741



35, 66.339, 340.850



3, 14.749, 336.330

Previews

White Background



This preview shows how the CIELCh color 67, 59.433, 146.319 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 67, 59.433, 146.319 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, 59.433, 146.319

Background



This preview shows how black text looks on a background with the CIELCh color 67, 59.433, 146.319.

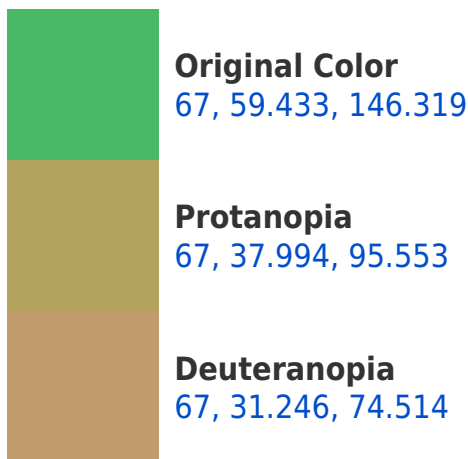


This preview shows how white text looks on a background with the CIELCh color 67, 59.433, 146.319.

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



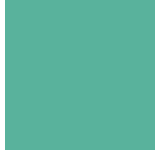
Original Color
67, 59.433, 146.319



Protanomaly
66, 41.670, 123.552



Deuteranomaly
66, 33.743, 118.156



Tritanomaly
67, 32.288, 174.553

Monochromacy



Original Color
67, 59.433, 146.319



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 22.977, 150.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 59.433, 146.319 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(74, 184, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 184, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 59.433, 146.319 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, 101) }
```

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

```
.border{ border-color:rgb(74, 184, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 184, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 184, 101);  
box-shadow:4px 4px 4px 4px rgb(74, 184,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 59.433, 146.319 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, 101) }
```

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

```
.background{ background-color: rgb(74, 184,  
101) }
```

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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