

Converting Colors

CIELCh(67, 59.503, 140.408)

Have a look what the booklet for
CIELCh(67, 59.503, 140.408)
contains.

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Color

CIELCh(67, 59.503, 140.408)

Conversions

Conversions Part 1

Format	Color
Hex	5BB65B
RGB	91, 182, 91
RGB Percent	36%, 71%, 36%
CMY	0.6415, 0.2846, 0.6417
CMYK	0.50, 0.00, 0.50, 0.28
HSL	120°, 39%, 54%
HSV	120°, 50%, 72%
XYZ	23.0726, 36.6320, 15.8374
YIQ	144.4170, -25.0250, -47.5930

Conversions

Conversions Part 2

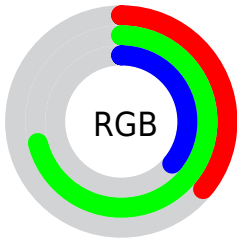
Format	Color
RYB	91, 182, 182
Decimal	6010459
CIELab	67.00, -45.85, 37.92
CIELCh	67, 59.503, 140.408
Yxy	36.6320, 0.3054, 0.4849
Android (android.graphics.Color)	4284200539 (0xFF5BB65B)
YUV	144.4170, -26.3346, -46.8467
Hunter-Lab	60.5244, -37.8712, 26.8526

Details

The CIELCh color **67, 59.503, 140.408** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **53, 59.200, 327.000**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 59.668, 140.445**, and **47, 59.197, 140.490** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.811, 139.295**, and if you desaturate by 10%, it is **68, 48.239, 141.445**.

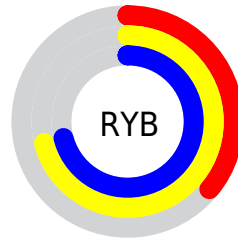
Distribution



Red (36%)

Green (71%)

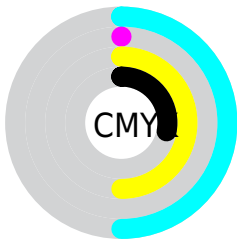
Blue (36%)



Red (36%)

Yellow (71%)

Blue (71%)

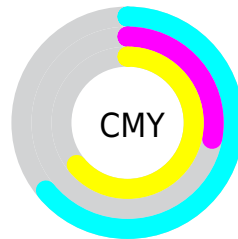


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (28%)



Cyan (64%)

Magenta (28%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 59.503, 140.408 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, 59.503, 140.408 by changing the saturation by 10% instead.

 67, 59.503,
140.408

 67, 59.503,
140.408

 100, 59.503,
140.408

 57, 59.503,
140.408

 87, 59.503,
140.408

 47, 59.503,
140.408

 97, 59.503,
140.408

 37, 59.503,
140.408

 27, 59.503,
140.408

 17, 59.503,
140.408

 7, 59.503, 140.408

 0, 59.503, 140.408

67, 59.503,
140.408

67, 59.503,
140.408

66, 69.811,
139.295

68, 48.239,
141.445

66, 78.723,
138.180

69, 36.382,
142.369

65, 85.755,
137.184

71, 24.227,
143.175

65, 90.482,
136.451

72, 12.004,
143.872

65, 93.113,
136.018

74, 0.121, 322.443

65, 93.136,
136.014

76, 12.027,
324.908

78, 23.635,
325.336

81, 34.898,
325.693

■ 83, 45.473,
325.999

Harmonies

Complementary

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



67, 59.503, 140.408



53, 59.200, 327.000

Rectangle

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



67, 59.503, 140.408



67, 59.503, 190.408



67, 59.503, 320.408



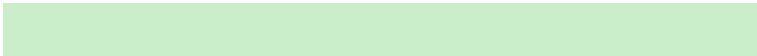
67, 59.503, 10.408

Sweetspot

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



67, 59.504, 140.408



91, 22.562, 143.511



72, 46.892, 104.735



48, 15.530, 143.362



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, 59.504, 140.408



84, 86.267, 139.171



68, 41.339, 157.613



38, 6.898, 143.908



56, 82.798, 136.014



8, 18.890, 144.435

Inverse Universe

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



53, 59.200, 327.000



64, 85.327, 327.445



51, 43.385, 347.918



36, 6.909, 324.915



37, 79.891, 328.215



3, 18.819, 324.725

Previews

White Background



This preview shows how the CIE LCh color 67, 59.503, 140.408 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, 59.503, 140.408 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, 59.503, 140.408

Background



This preview shows how black text looks on a background with the CIELCh color 67, 59.503, 140.408.



This preview shows how white text looks on a background with the CIELCh color 67, 59.503, 140.408.

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



Original Color
67, 59.503, 140.408

Protanopia
67, 42.574, 95.508

Deuteranopia
67, 36.479, 77.050



Tritanopia
67, 20.625, 220.181

Trichromacy



Original Color
67, 59.503, 140.408



Protanomaly
66, 44.660, 117.759



Deuteranomaly
66, 37.306, 110.848



Tritanomaly
67, 28.484, 169.250

Monochromacy



Original Color
67, 59.503, 140.408



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 22.590, 143.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 59.503, 140.408 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(91, 182, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 182, 91)  
}
```

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(91, 182, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 182, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 59.503, 140.408 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(91, 182, 91) }
```

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

```
.border{ border-color:rgb(91, 182, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 182, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 182, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 182, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 182,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 59.503, 140.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 182, 91) }
```

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

```
.background{ background-color: rgb(91, 182,  
91) }
```

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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