

Converting Colors

CIELCh(67, 59.316, 139.563)

Have a look what the booklet for
CIELCh(67, 59.316, 139.563)
contains.

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Color

CIELCh(67, 59.376, 139.482)

Conversions

Conversions Part 1

Format	Color
Hex	5EB65A
RGB	94, 182, 90
RGB Percent	37%, 71%, 35%
CMY	0.6309, 0.2858, 0.6466
CMYK	0.48, 0.00, 0.51, 0.29
HSL	117°, 39%, 53%
HSV	117°, 51%, 71%
XYZ	23.2318, 36.6320, 15.5440
YIQ	145.2000, -22.9160, -47.2680

Conversions

Conversions Part 2

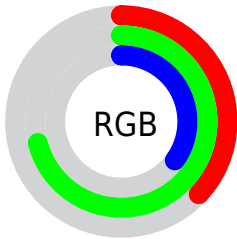
Format	Color
RYB	90, 182, 178
Decimal	6207066
CIELab	67.00, -45.14, 38.58
CIELCh	67, 59.376, 139.482
Yxy	36.6320, 0.3081, 0.4858
Android (android.graphics.Color)	4284397146 (0xFF5EB65A)
YUV	145.2000, -27.2136, -44.9024
Hunter-Lab	60.5244, -37.4019, 27.1400

Details

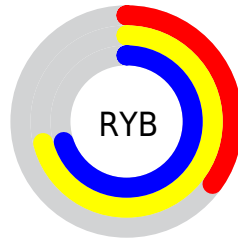
The CIELCh color **67, 59.376, 139.482** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **52, 59.307, 325.725**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 59.519, 139.469**, and **47, 59.468, 139.450** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.586, 138.481**, and if you desaturate by 10%, it is **68, 48.252, 140.433**.

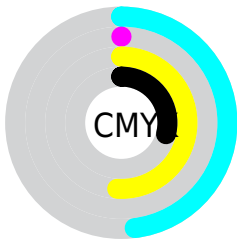
Distribution



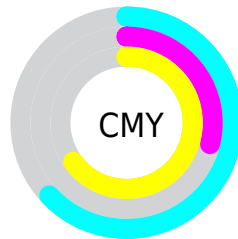
- Red (37%)
- Green (71%)
- Blue (35%)



- Red (35%)
- Yellow (71%)
- Blue (70%)



- Cyan (48%)
- Magenta (0%)
- Yellow (51%)
- Black (29%)




- Cyan (63%)
- Magenta (29%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 59.376, 139.482 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, 59.376, 139.482 by changing the saturation by 10% instead.

 67, 59.376,
139.482


 67, 59.376,
139.482


 100, 59.376,
139.482

 57, 59.376,
139.482

 87, 59.376,
139.482

 47, 59.376,
139.482

 97, 59.376,
139.482

 37, 59.376,
139.482

 27, 59.376,
139.482

 17, 59.376,
139.482

 7, 59.376, 139.482

 0, 59.376, 139.482

■ 67, 59.376,
139.482

■ 67, 59.376,
139.482

■ 66, 69.586,
138.481

■ 68, 48.252,
140.433

■ 66, 78.447,
137.507

■ 69, 36.566,
141.294

■ 65, 85.474,
136.681

■ 71, 24.596,
142.051

■ 65, 90.231,
136.138

■ 72, 12.558,
142.710

■ 65, 92.793,
135.832

■ 74, 0.609, 143.627

■ 76, 11.138,
323.699

■ 78, 22.609,
324.110

■ 80, 33.757,
324.452

■ 82, 44.558,
324.741

Harmonies

Complementary

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



67, 59.376, 139.482



52, 59.307, 325.725

Rectangle

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



67, 59.376, 139.482



67, 59.376, 189.482



67, 59.376, 319.482



67, 59.376, 9.482

Sweetspot

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



67, 59.377, 139.482



91, 22.245, 142.409



71, 46.018, 103.080



48, 15.312, 142.269



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, 59.377, 139.482



84, 86.555, 138.330



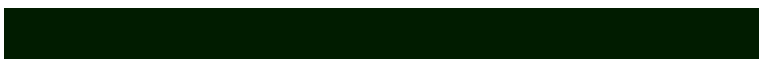
68, 42.947, 155.904



38, 6.802, 142.783



56, 82.547, 135.794



8, 18.699, 143.593

Inverse Universe

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



52, 59.307, 325.725



62, 85.986, 326.133



51, 44.630, 346.032



36, 6.817, 323.733



36, 80.063, 326.543



3, 18.414, 322.893

Previews

White Background



This preview shows how the CIELCh color 67, 59.376, 139.482 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, 59.376, 139.482 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, 59.376, 139.482

Background



This preview shows how black text looks on a background with the CIELCh color 67, 59.376, 139.482.



This preview shows how white text looks on a background with the CIELCh color 67, 59.376, 139.482.

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, 59.376, 139.482

Protanopia
67, 43.064, 95.561

Deuteranopia
67, 37.195, 76.787



Tritanopia
67, 19.988, 219.225

Trichromacy



Original Color
67, 59.376, 139.482



Protanomaly
66, 45.047, 117.075



Deuteranomaly
66, 38.261, 109.353



Tritanomaly
67, 28.614, 166.884

Monochromacy



Original Color
67, 59.376, 139.482



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 23.054, 142.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 59.376, 139.482 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(94, 182, 90)` looks like.

```
.text, #text, p{  
    color:rgb(94, 182, 90)  
}
```

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(94, 182, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 182, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 59.376, 139.482 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(94, 182, 90) }
```

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

```
.border{ border-color:rgb(94, 182, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 182, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 182, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 182, 90);  
box-shadow:4px 4px 4px 4px rgb(94, 182,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 59.376, 139.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 182, 90) }
```

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

```
.background{ background-color: rgb(94, 182,  
90) }
```

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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