

Converting Colors

CIELCh(67, 37.944, 158.872)

Have a look what the booklet for
CIELCh(67, 37.944, 158.872)
contains.

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Color

CIELCh(67, 37.944, 158.872)

Conversions

Conversions Part 1

Format	Color
Hex	5FB389
RGB	95, 179, 137
RGB Percent	37%, 70%, 54%
CMY	0.6262, 0.2968, 0.4616
CMYK	0.47, 0.00, 0.23, 0.30
HSL	150°, 36%, 54%
HSV	150°, 47%, 70%
XYZ	25.4726, 36.6320, 29.5079
YIQ	149.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

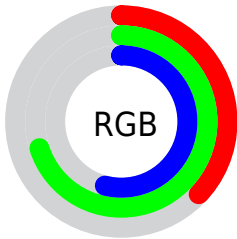
Format	Color
RYB	95, 151, 179
Decimal	6271881
CIELab	67.00, -35.39, 13.68
CIElCh	67, 37.944, 158.872
Yxy	36.6320, 0.2780, 0.3999
Android (android.graphics.Color)	4284461961 (0xFF5FB389)
YUV	149.0960, -5.9633, -47.4422
Hunter-Lab	60.5244, -30.7932, 13.4609

Details

The CIELCh color $67, 37.944, 158.872$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $51, 39.973, 348.472$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 37.911, 158.644$, and $47, 38.116, 158.614$ is the 20% darker color. If you saturate the color by 10%, you get $66, 45.130, 157.459$, and if you desaturate by 10%, it is $68, 30.274, 160.120$.

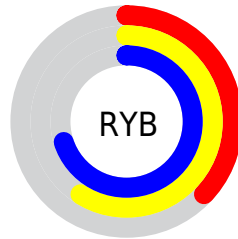
Distribution



Red (37%)

Green (70%)

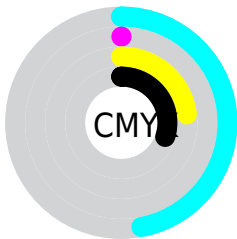
Blue (54%)



Red (37%)

Yellow (59%)

Blue (70%)

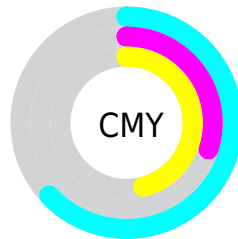


Cyan (47%)

Magenta (0%)

Yellow (23%)

Black (30%)



Cyan (63%)


Magenta (30%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 37.944, 158.872 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, 37.944, 158.872 by changing the saturation by 10% instead.


 67, 37.944,
158.872


 67, 37.944,
158.872


 100, 37.944,
158.872


 57, 37.944,
158.872


 87, 37.944,
158.872

 47, 37.944,
158.872

 97, 37.944,
158.872

 37, 37.944,
158.872

 27, 37.944,
158.872

 17, 37.944,
158.872

 7, 37.944, 158.872

 0, 37.944, 158.872

67, 37.944,
158.872

67, 37.944,
158.872

66, 45.130,
157.459

68, 30.274,
160.120

65, 51.699,
155.859

69, 22.256,
161.228

65, 57.552,
154.054

70, 14.024,
162.223

65, 62.640,
152.042

72, 5.698, 163.147

64, 67.002,
149.856

74, 2.626, 343.741

64, 68.308,
149.188

75, 10.868,
344.581

77, 18.972,
345.269

79, 26.898,
345.899

■ 81, 34.126,
345.792

Harmonies

Complementary

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



67, 37.944, 158.872



51, 39.973, 348.472

Rectangle

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



67, 37.944, 158.872



67, 37.944, 208.872



67, 37.944, 338.872



67, 37.944, 28.872

Sweetspot

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



67, 37.945, 158.871



89, 14.377, 162.468



69, 47.581, 126.312



48, 10.003, 162.268



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 37.945, 158.871



84, 54.810, 157.445



68, 26.769, 195.601



37, 4.698, 162.919



55, 60.375, 149.500



7, 12.297, 158.290

Inverse Universe

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



51, 39.973, 348.472



61, 57.918, 350.017



50, 37.022, 23.204



35, 4.757, 344.362



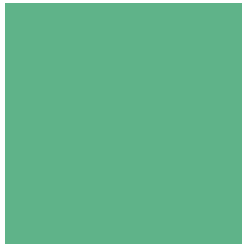
32, 57.952, 1.297



2, 10.606, 349.851

Previews

White Background



This preview shows how the CIE LCh color 67, 37.944, 158.872 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, 37.944, 158.872 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, 37.944, 158.872

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.944, 158.872.



This preview shows how white text looks on a background with the CIELCh color 67, 37.944, 158.872.

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, 37.944, 158.872

Protanopia
67, 18.587, 95.436

Deuteranopia
67, 14.163, 53.030



Tritanopia
67, 21.873, 218.748

Trichromacy



Original Color
67, 37.944, 158.872



Protanomaly
66, 21.980, 133.726



Deuteranomaly
66, 14.074, 128.431



Tritanomaly
67, 24.334, 189.505

Monochromacy



Original Color
67, 37.944, 158.872



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 14.510, 162.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.944, 158.872 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(95, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(95, 179, 137)  
}
```

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(95, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 179, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.944, 158.872 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(95, 179, 137) }
```

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

```
.border{ border-color:rgb(95, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(95, 179,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.944, 158.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 179, 137) }
```

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

```
.background{ background-color: rgb(95, 179,  
137) }
```

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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