

Converting Colors

CIELCh(68, 37.719, 152.383)

Have a look what the booklet for
CIELCh(68, 37.719, 152.383)
contains.

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Color

CIELCh(68, 37.760, 152.472)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CB585 |
| RGB | 108, 181, 133 |
| RGB Percent | 42%, 71%, 52% |
| CMY | 0.5761, 0.2898, 0.4781 |
| CMYK | 0.40, 0.00, 0.27, 0.29 |
| HSL | 141°, 33%, 57% |
| HSV | 141°, 40%, 71% |
| XYZ | 26.9754, 37.9720, 28.1273 |
| YIQ | 153.7010, -28.1000, -30.4040 |

Conversions

Conversions Part 2

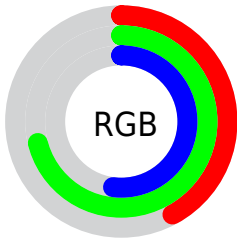
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 108, 162, 181 |
| Decimal | 7124357 |
| CIELab | 68.00, -33.49, 17.45 |
| CIELCh | 68, 37.760, 152.472 |
| Yxy | 37.9720, 0.2898, 0.4080 |
| Android (android.graphics.Color) | 4285314437 (0xFF6CB585) |
| YUV | 153.7010, -10.2056, -40.0798 |
| Hunter-Lab | 61.6215, -29.6975, 16.0719 |

Details

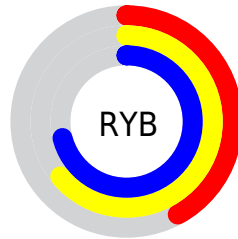
The CIELCh color **68, 37.760, 152.472** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **55, 38.385, 339.231**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 37.758, 152.454**, and **48, 38.094, 152.236** is the 20% darker color. If you saturate the color by 10%, you get **67, 46.550, 151.234**, and if you desaturate by 10%, it is **69, 28.589, 153.552**.

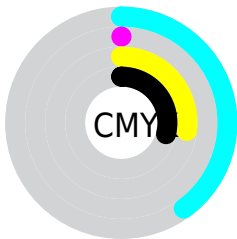
Distribution



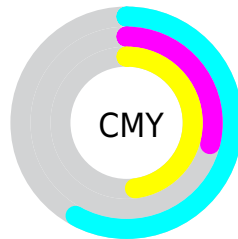
- Red (42%)
- Green (71%)
- Blue (52%)



- Red (42%)
- Yellow (64%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)




- Cyan (58%)
- Magenta (29%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 37.760, 152.472 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 68, 37.760, 152.472 by changing the saturation by 10% instead.

 68, 37.760,
152.472

 68, 37.760,
152.472

 100, 37.760,
152.472

 58, 37.760,
152.472


 88, 37.760,
152.472

 48, 37.760,
152.472

 98, 37.760,
152.472

 38, 37.760,
152.472

 28, 37.760,
152.472

 18, 37.760,
152.472

 8, 37.760, 152.472

 0, 37.760, 152.472

68, 37.760,
152.472

68, 37.760,
152.472

67, 46.550,
151.234

69, 28.589,
153.552

66, 54.784,
149.819

71, 19.197,
154.498

66, 62.300,
148.213

72, 9.724, 155.338

65, 68.965,
146.420

74, 0.287, 157.169

75, 9.025, 336.638

65, 74.694,
144.467

77, 18.149,
337.232

65, 79.423,
142.551

79, 27.041,
337.757

82, 35.673,
338.230

■ 82, 40.405,
332.385

Harmonies

Complementary

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



68, 37.760, 152.472



55, 38.385, 339.231

Rectangle

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



68, 37.760, 152.472



68, 37.760, 202.472



68, 37.760, 332.472



68, 37.760, 22.472

Sweetspot

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



68, 37.761, 152.472



90, 13.975, 155.185



70, 40.116, 120.857



48, 9.266, 155.081



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 37.761, 152.472



85, 54.933, 151.432



69, 25.741, 182.179



38, 5.399, 155.416



56, 70.564, 142.818



8, 15.842, 152.355

Inverse Universe

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



55, 38.385, 339.231



66, 55.763, 340.057



54, 31.090, 10.715



36, 5.433, 336.673



34, 62.361, 347.776



3, 13.586, 341.710

Previews

White Background



This preview shows how the CIELCh color 68, 37.760, 152.472 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 68, 37.760, 152.472 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 68, 37.760, 152.472

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.760, 152.472.

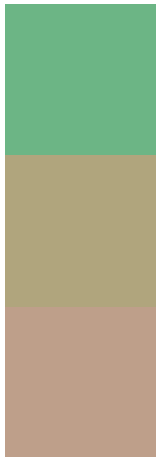


This preview shows how white text looks on a background with the CIELCh color 68, 37.760, 152.472.

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
68, 37.760, 152.472

Protanopia
68, 22.338, 96.061

Deuteranopia
68, 17.315, 61.579



Tritanopia
68, 19.074, 222.152

Trichromacy



Original Color
68, 37.760, 152.472



Protanomaly
67, 24.799, 126.672



Deuteranomaly
67, 17.209, 117.796



Tritanomaly
68, 21.768, 184.373

Monochromacy



Original Color
68, 37.760, 152.472



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 14.443, 154.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.760, 152.472 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(108, 181, 133)` looks like.

```
.text, #text, p{  
    color:rgb(108, 181, 133)  
}
```

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(108, 181, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 181, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.760, 152.472 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(108, 181, 133) }
```

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

```
.border{ border-color:rgb(108, 181, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 181, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 181, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 181, 133);  
box-shadow:4px 4px 4px 4px rgb(108, 181,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.760, 152.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 181, 133) }
```

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

```
.background{ background-color: rgb(108,  
181, 133) }
```

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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