

Converting Colors

CIELCh(67, 50.352, 141.235)

Have a look what the booklet for
CIELCh(67, 50.352, 141.235)
contains.

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Color

CIELCh(67, 50.372, 141.227)

Conversions

Conversions Part 1

Format	Color
Hex	68B468
RGB	104, 180, 104
RGB Percent	41%, 71%, 41%
CMY	0.5918, 0.2937, 0.5918
CMYK	0.42, 0.00, 0.42, 0.29
HSL	120°, 34%, 56%
HSV	120°, 42%, 71%
XYZ	24.5642, 36.6320, 18.8964
YIQ	148.6120, -20.9000, -39.7480

Conversions

Conversions Part 2

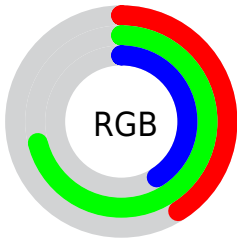
Format	Color
RYB	104, 180, 180
Decimal	6861928
CIELab	67.00, -39.27, 31.54
CIElCh	67, 50.372, 141.227
Yxy	36.6320, 0.3067, 0.4574
Android (android.graphics.Color)	4285052008 (0xFF68B468)
YUV	148.6120, -21.9937, -39.1247
Hunter-Lab	60.5244, -33.4721, 23.8560

Details

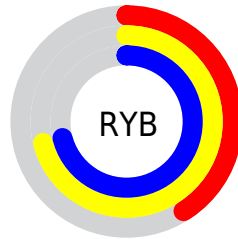
The CIELCh color **67, 50.372, 141.227** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 50.248, 326.656**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 50.146, 141.110**, and **47, 50.071, 141.112** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.343, 140.170**, and if you desaturate by 10%, it is **68, 38.742, 142.179**.

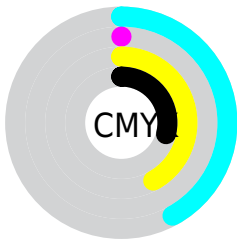
Distribution



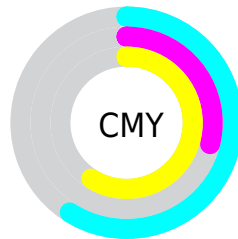
- Red (41%)
- Green (71%)
- Blue (41%)



- Red (41%)
- Yellow (71%)
- Blue (71%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)



- Cyan (59%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 50.372, 141.227 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, 50.372, 141.227 by changing the saturation by 10% instead.

 67, 50.372,
141.227

 67, 50.372,
141.227

 100, 50.372,
141.227

 57, 50.372,
141.227


 87, 50.372,
141.227

 47, 50.372,
141.227

 97, 50.372,
141.227

 37, 50.372,
141.227

 27, 50.372,
141.227

 17, 50.372,
141.227

 7, 50.372, 141.227

 0, 50.372, 141.227

67, 50.372,
141.227

67, 50.372,
141.227

66, 61.343,
140.170

68, 38.742,
142.179

65, 71.273,
139.048

70, 26.757,
143.011

65, 79.718,
137.947

71, 14.657,
143.730

64, 86.200,
136.997

73, 2.622, 144.410

64, 90.334,
136.337

75, 9.220, 324.806

64, 92.259,
136.016

77, 20.782,
325.254

79, 32.012,
325.625

82, 42.880,
325.939

■ 82, 46.904,
326.047

Harmonies

Complementary

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



67, 50.372, 141.227



55, 50.248, 326.656

Rectangle

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



67, 50.372, 141.227



67, 50.372, 191.227



67, 50.372, 321.227



67, 50.372, 11.227

Sweetspot

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



67, 50.373, 141.227



90, 19.367, 143.661



71, 39.668, 105.439



47, 13.555, 143.511



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, 50.373, 141.227



84, 74.343, 140.206



68, 35.032, 158.628



37, 6.740, 143.920



55, 81.803, 136.016



6, 16.259, 144.442

Inverse Universe

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



55, 50.248, 326.656



66, 73.899, 327.094



54, 36.620, 346.880



35, 6.750, 324.923



36, 78.927, 328.230



3, 16.261, 324.436

Previews

White Background



This preview shows how the CIELCh color 67, 50.372, 141.227 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, 50.372, 141.227 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, 50.372, 141.227

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.372, 141.227.



This preview shows how white text looks on a background with the CIELCh color 67, 50.372, 141.227.

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, 50.372, 141.227

Protanopia
67, 35.868, 95.910

Deuteranopia
67, 30.308, 73.601



Tritanopia
67, 18.147, 221.646

Trichromacy



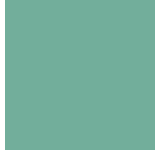
Original Color
67, 50.372, 141.227



Protanomaly
66, 37.980, 118.464



Deuteranomaly
66, 30.469, 109.328



Tritanomaly
67, 24.010, 171.391

Monochromacy



Original Color
67, 50.372, 141.227



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 18.442, 143.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.372, 141.227 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(104, 180, 104)` looks like.

```
.text, #text, p{  
    color:rgb(104, 180, 104)  
}
```

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(104, 180, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 180, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.372, 141.227 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(104, 180, 104) }
```

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

```
.border{ border-color:rgb(104, 180, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 180, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 180, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 180, 104);  
box-shadow:4px 4px 4px 4px rgb(104, 180,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.372, 141.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 180, 104) }
```

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

```
.background{ background-color: rgb(104,  
180, 104) }
```

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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