

Converting Colors

CIELCh(68, 47.390, 141.840)

Have a look what the booklet for
CIELCh(68, 47.390, 141.840)
contains.

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Color

CIELCh(68, 47.318, 141.847)

Conversions

Conversions Part 1

Format	Color
Hex	6EB66F
RGB	110, 182, 111
RGB Percent	43%, 71%, 44%
CMY	0.5682, 0.2858, 0.5643
CMYK	0.40, 0.00, 0.39, 0.29
HSL	121°, 33%, 57%
HSV	121°, 40%, 71%
XYZ	26.0685, 37.9720, 21.0233
YIQ	152.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

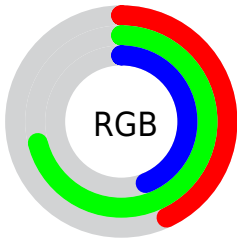
Format	Color
RYB	110, 181, 182
Decimal	7255663
CIELab	68.00, -37.21, 29.23
CIELCh	68, 47.318, 141.847
Yxy	37.9720, 0.3065, 0.4464
Android (android.graphics.Color)	4285445743 (0xFF6EB66F)
YUV	152.3780, -20.3994, -37.1655
Hunter-Lab	61.6215, -32.3244, 22.9071

Details

The CIELCh color **68, 47.318, 141.847** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 47.231, 326.921**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 47.152, 141.571**, and **48, 46.968, 141.794** is the 20% darker color. If you saturate the color by 10%, you get **67, 58.513, 140.805**, and if you desaturate by 10%, it is **69, 35.563, 142.773**.

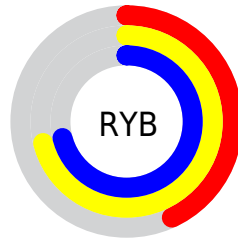
Distribution



Red (43%)

Green (71%)

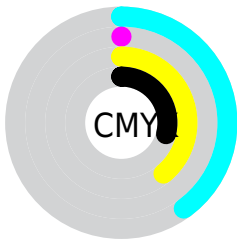
Blue (44%)



Red (43%)

Yellow (71%)

Blue (71%)

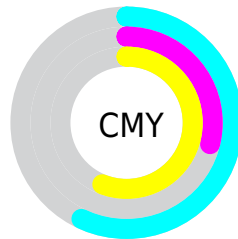


Cyan (40%)

Magenta (0%)

Yellow (39%)

Black (29%)



Cyan (57%)

Magenta (29%)

Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 47.318, 141.847 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, 47.318, 141.847 by changing the saturation by 10% instead.

 68, 47.318,
141.847


 68, 47.318,
141.847

 100, 47.318,
141.847

 58, 47.318,
141.847

 88, 47.318,
141.847

 48, 47.318,
141.847

 98, 47.318,
141.847

 38, 47.318,
141.847

 28, 47.318,
141.847

 18, 47.318,
141.847

 8, 47.318, 141.847

 0, 47.318, 141.847

68, 47.318,
141.847

68, 47.318,
141.847

67, 58.513,
140.805

69, 35.563,
142.773

66, 68.795,
139.675

71, 23.528,
143.578

65, 77.752,
138.524

72, 11.434,
144.274

65, 84.923,
137.463

74, 0.556, 324.397

65, 89.886,
136.635

76, 12.327,
325.309

65, 92.655,
136.148

78, 23.802,
325.736

65, 92.764,
136.130

81, 34.935,
326.095

83, 45.567,
326.089

■ 83, 45.660,
326.005

Harmonies

Complementary

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



68, 47.318, 141.847



57, 47.231, 326.921

Rectangle

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



68, 47.318, 141.847



68, 47.318, 191.847



68, 47.318, 321.847



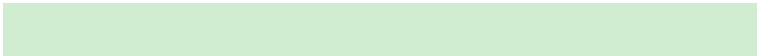
68, 47.318, 11.847

Sweetspot

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



68, 47.319, 141.847



91, 17.856, 144.097



73, 38.178, 106.418



49, 11.948, 144.009



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 47.319, 141.847



85, 69.001, 140.994



69, 32.782, 159.803



38, 6.835, 144.287



56, 82.522, 136.154



8, 18.763, 144.712

Inverse Universe

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



57, 47.231, 326.921



69, 68.686, 327.319



55, 34.343, 347.524



36, 6.845, 325.298



37, 79.041, 328.781



3, 18.563, 325.257

Previews

White Background



This preview shows how the CIE LCh color 68, 47.318, 141.847 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, 47.318, 141.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

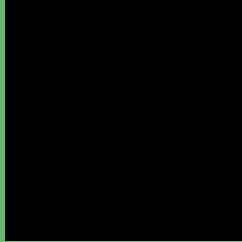
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 47.318, 141.847

Background



This preview shows how black text looks on a background with the CIELCh color 68, 47.318, 141.847.



This preview shows how white text looks on a background with the CIELCh color 68, 47.318, 141.847.

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, 47.318, 141.847

Protanopia
68, 33.712, 95.630

Deuteranopia
68, 28.068, 72.334



Tritanopia
68, 17.499, 224.601

Trichromacy



Original Color
68, 47.318, 141.847



Protanomaly
67, 35.118, 117.598



Deuteranomaly
67, 28.251, 108.918



Tritanomaly
68, 22.257, 172.594

Monochromacy



Original Color
68, 47.318, 141.847



Achromatopsia
63, 0.008, 296.813



Achromatomaly
64, 17.692, 143.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 47.318, 141.847 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(110, 182, 111)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 111)  
}
```

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(110, 182, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 47.318, 141.847 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(110, 182, 111) }
```

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

```
.border{ border-color:rgb(110, 182, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 182, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 111);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 47.318, 141.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 111) }
```

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

```
.background{ background-color: rgb(110,  
182, 111) }
```

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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