

Converting Colors

CIELCh(70, 64.895, 148.723)

Have a look what the booklet for
CIELCh(70, 64.895, 148.723)
contains.

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Color

CIELCh(70, 64.576, 148.798)

Conversions

Conversions Part 1

Format	Color
Hex	3BC26B
RGB	59, 194, 107
RGB Percent	23%, 76%, 42%
CMY	0.7669, 0.2378, 0.5792
CMYK	0.69, 0.00, 0.45, 0.24
HSL	141°, 53%, 50%
HSV	141°, 69%, 76%
XYZ	23.8693, 40.7494, 20.6036
YIQ	143.7170, -52.5330, -55.6770

Conversions

Conversions Part 2

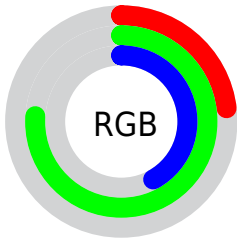
Format	Color
RYB	59, 159, 194
Decimal	3916395
CIELab	70.00, -55.23, 33.45
CIELCh	70, 64.576, 148.798
Yxy	40.7494, 0.2801, 0.4782
Android (android.graphics.Color)	4282106475 (0xFF3BC26B)
YUV	143.7170, -18.1015, -74.2968
Hunter-Lab	63.8353, -44.9669, 25.5481

Details

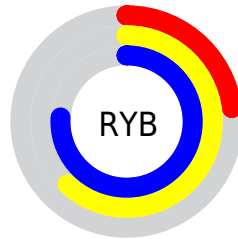
The CIELCh color **70, 64.576, 148.798** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **48, 64.134, 343.230**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 64.933, 148.554**, and **50, 60.698, 145.915** is the 20% darker color. If you saturate the color by 10%, you get **69, 71.613, 146.994**, and if you desaturate by 10%, it is **71, 56.655, 150.408**.

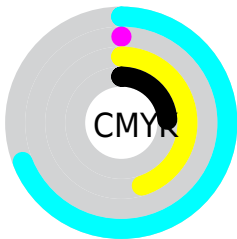
Distribution



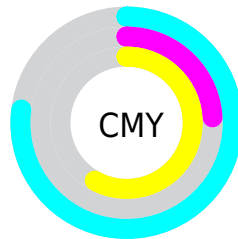
- Red (23%)
- Green (76%)
- Blue (42%)



- Red (23%)
- Yellow (62%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)





- Cyan (77%)
- Magenta (24%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 64.576, 148.798 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 70, 64.576, 148.798 by changing the saturation by 10% instead.

 70, 64.576,
148.798

 70, 64.576,
148.798


 100, 64.576,
148.798


 60, 64.576,
148.798


 90, 64.576,
148.798

 50, 64.576,
148.798

 40, 64.576,
148.798

 30, 64.576,
148.798

 20, 64.576,
148.798

 10, 64.576,
148.798

 0, 64.576, 148.798

70, 64.576,
148.798

70, 64.576,
148.798

69, 71.613,
146.994

71, 56.655,
150.408

69, 77.677,
145.021

72, 47.987,
151.825

69, 82.819,
142.985

73, 38.746,
153.064

69, 83.104,
142.873

74, 29.110,
154.145

75, 19.249,
155.093

77, 9.310, 155.939

79, 0.586, 336.036

81, 10.347,
337.246

■ 83, 19.907,
337.844

Harmonies

Complementary

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



70, 64.576, 148.798



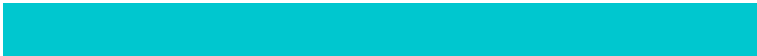
48, 64.134, 343.230

Rectangle

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



70, 64.576, 148.798



70, 64.576, 198.798



70, 64.576, 328.798



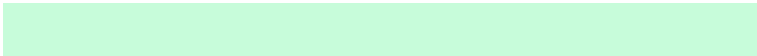
70, 64.576, 18.798

Sweetspot

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



70, 64.577, 148.798



95, 25.749, 154.920



73, 69.392, 120.556



50, 17.565, 154.659



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 64.577, 148.798



88, 90.949, 146.047



71, 40.611, 180.444



40, 5.594, 155.943



58, 71.644, 143.196



10, 20.319, 151.531

Inverse Universe

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



48, 64.134, 343.230



58, 86.197, 345.708



46, 57.994, 19.463



38, 5.631, 337.225



35, 63.385, 348.824



3, 17.450, 343.517

Previews

White Background



This preview shows how the CIELCh color 70, 64.576, 148.798 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 70, 64.576, 148.798 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 70, 64.576, 148.798

Background



This preview shows how black text looks on a background with the CIELCh color 70, 64.576, 148.798.

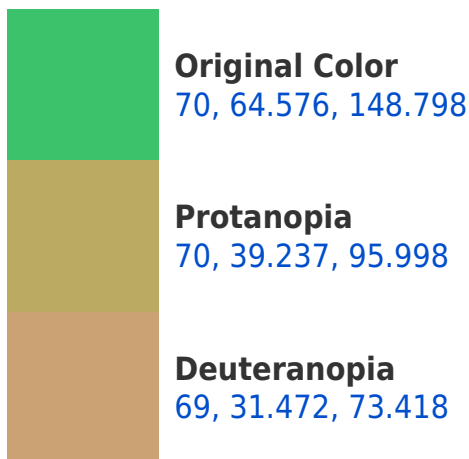


This preview shows how white text looks on a background with the CIELCh color 70, 64.576, 148.798.

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





Tritanopia
70, 28.315, 214.461

Trichromacy



Original Color
70, 64.576, 148.798



Protanomaly
69, 44.540, 127.053



Deuteranomaly
68, 34.726, 122.595



Tritanomaly
70, 36.368, 177.102

Monochromacy



Original Color
70, 64.576, 148.798



Achromatopsia
60, 0.008, 296.813



Achromatomaly
62, 25.554, 154.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 64.576, 148.798 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(59, 194, 107)` looks like.

```
.text, #text, p{  
    color:rgb(59, 194, 107)  
}
```

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(59, 194, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 194, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 64.576, 148.798 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(59, 194, 107) }
```

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

```
.border{ border-color:rgb(59, 194, 107) }
```

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

Here you see how a box with a 4 pixel rgb(59, 194, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 194, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 194, 107);  
box-shadow:4px 4px 4px 4px rgb(59, 194,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 64.576, 148.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 194, 107) }
```

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

```
.background{ background-color: rgb(59, 194,  
107) }
```

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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