

Converting Colors

CIELCh(72, 59.398, 151.548)

Have a look what the booklet for
CIELCh(72, 59.398, 151.548)
contains.

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Color

CIELCh(72, 59.579, 151.440)

Conversions

Conversions Part 1

Format	Color
Hex	47C77A
RGB	71, 199, 122
RGB Percent	28%, 78%, 48%
CMY	0.7210, 0.2191, 0.5211
CMYK	0.64, 0.00, 0.39, 0.22
HSL	144°, 53%, 53%
HSV	144°, 64%, 78%
XYZ	26.5825, 43.6590, 25.4761
YIQ	151.9500, -51.5710, -51.0830

Conversions

Conversions Part 2

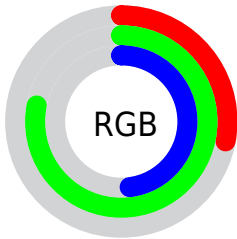
Format	Color
RYB	71, 163, 199
Decimal	4704122
CIELab	72.00, -52.33, 28.48
CIELCh	72, 59.579, 151.440
Yxy	43.6590, 0.2777, 0.4561
Android (android.graphics.Color)	4282894202 (0xFF47C77A)
YUV	151.9500, -14.7653, -70.9931
Hunter-Lab	66.0750, -43.8191, 23.3925

Details

The CIELCh color **72, 59.579, 151.440** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **50, 60.419, 345.019**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 58.683, 151.663**, and **52, 57.591, 149.641** is the 20% darker color. If you saturate the color by 10%, you get **71, 66.919, 149.702**, and if you desaturate by 10%, it is **73, 51.435, 152.976**.

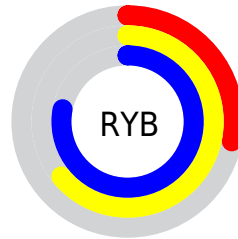
Distribution



Red (28%)

Green (78%)

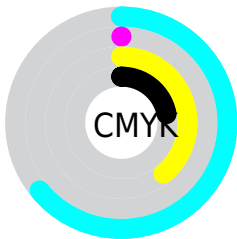
Blue (48%)



Red (28%)

Yellow (64%)

Blue (78%)

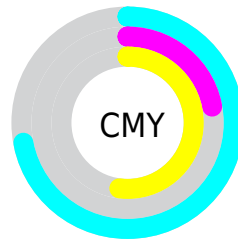


Cyan (64%)

Magenta (0%)

Yellow (39%)

Black (22%)



Cyan (72%)

Magenta (22%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 59.579, 151.440 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 72, 59.579, 151.440 by changing the saturation by 10% instead.


 72, 59.579,
151.440


 72, 59.579,
151.440


 100, 59.579,
151.440


 62, 59.579,
151.440


 92, 59.579,
151.440

 52, 59.579,
151.440

 42, 59.579,
151.440

 32, 59.579,
151.440

 22, 59.579,
151.440

 12, 59.579,
151.440

 2, 59.579, 151.440

0, 59.579, 151.440

72, 59.579,
151.440

72, 59.579,
151.440

71, 66.919,
149.702

73, 51.435,
152.976

71, 73.353,
147.765

74, 42.632,
154.323

71, 78.851,
145.662

75, 33.339,
155.503

71, 81.677,
144.463

76, 23.729,
156.538

78, 13.958,
157.456

80, 4.157, 158.322

■ 81, 5.566, 338.884

■ 83, 15.132,
339.570

■ 86, 24.486,
340.163

Harmonies

Complementary

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



72, 59.579, 151.440



50, 60.419, 345.019

Rectangle

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



72, 59.579, 151.440



72, 59.579, 201.440



72, 59.579, 331.440



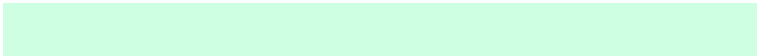
72, 59.579, 21.440

Sweetspot

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



72, 59.580, 151.440



96, 22.726, 157.009



75, 67.070, 121.965



51, 15.636, 156.738



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 59.580, 151.440



89, 83.740, 148.977



73, 38.422, 184.273



41, 5.535, 157.874



59, 69.932, 144.806



11, 21.600, 152.115

Inverse Universe

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



50, 60.419, 345.019



59, 82.264, 347.415



49, 55.358, 20.309



39, 5.579, 339.214



35, 62.736, 352.429



4, 19.043, 346.680

Previews

White Background



This preview shows how the CIELCh color 72, 59.579, 151.440 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 72, 59.579, 151.440 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 72, 59.579, 151.440

Background



This preview shows how black text looks on a background with the CIELCh color 72, 59.579, 151.440.

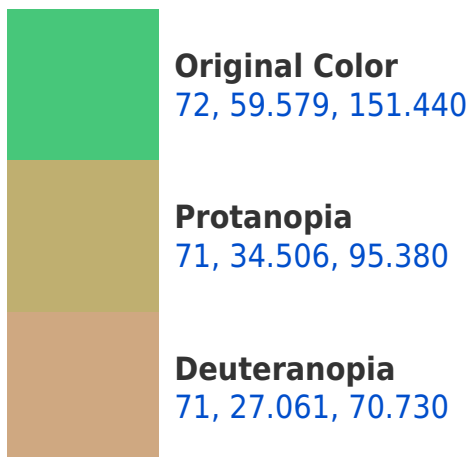


This preview shows how white text looks on a background with the CIELCh color 72, 59.579, 151.440.

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
72, 28.035, 215.796

Trichromacy



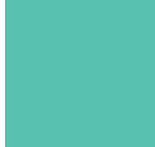
Original Color
72, 59.579, 151.440



Protanomaly
71, 39.289, 128.902



Deuteranomaly
70, 29.792, 123.876



Tritanomaly
72, 34.744, 180.238

Monochromacy



Original Color
72, 59.579, 151.440



Achromatopsia
63, 0.008, 296.813



Achromatomaly
65, 23.392, 155.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 59.579, 151.440 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(71, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(71, 199, 122)  
}
```

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(71, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 199, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 59.579, 151.440 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(71, 199, 122) }
```

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

```
.border{ border-color:rgb(71, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(71, 199,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 59.579, 151.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 199, 122) }
```

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

```
.background{ background-color: rgb(71, 199,  
122) }
```

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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