

Converting Colors

CIELCh(72, 50.721, 134.516)

Have a look what the booklet for
CIELCh(72, 50.721, 134.516)
contains.

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Color

CIELCh(72, 50.712, 134.649)

Conversions

Conversions Part 1

Format	Color
Hex	82C06C
RGB	130, 192, 108
RGB Percent	51%, 75%, 42%
CMY	0.4893, 0.2461, 0.5756
CMYK	0.32, 0.00, 0.44, 0.25
HSL	104°, 40%, 59%
HSV	104°, 44%, 75%
XYZ	30.8646, 43.6590, 21.0507
YIQ	163.8860, -9.9880, -39.2680

Conversions

Conversions Part 2

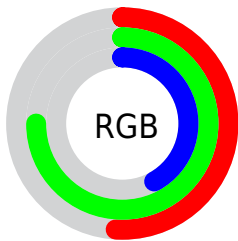
Format	Color
RYB	108, 192, 170
Decimal	8568940
CIELab	72.00, -35.64, 36.08
CIELCh	72, 50.712, 134.649
Yxy	43.6590, 0.3229, 0.4568
Android (android.graphics.Color)	4286759020 (0xFF82C06C)
YUV	163.8860, -27.5518, -29.7180
Hunter-Lab	66.0750, -32.2513, 27.3634

Details

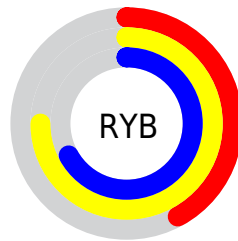
The CIELCh color **72, 50.712, 134.649** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **55, 52.072, 318.766**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 50.695, 134.799**, and **52, 50.828, 134.549** is the 20% darker color. If you saturate the color by 10%, you get **71, 61.559, 134.064**, and if you desaturate by 10%, it is **73, 39.353, 135.242**.

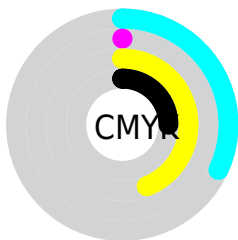
Distribution



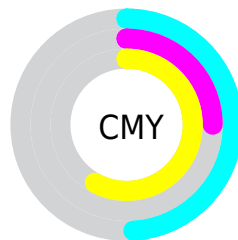
- Red (51%)
- Green (75%)
- Blue (42%)



- Red (42%)
- Yellow (75%)
- Blue (67%)



- Cyan (32%)
- Magenta (0%)
- Yellow (44%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 50.712, 134.649 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, 50.712, 134.649 by changing the saturation by 10% instead.


 72, 50.712,
134.649


 72, 50.712,
134.649


 100, 50.712,
134.649


 62, 50.712,
134.649


 92, 50.712,
134.649

 52, 50.712,
134.649

 42, 50.712,
134.649

 32, 50.712,
134.649

 22, 50.712,
134.649

 12, 50.712,
134.649

 2, 50.712, 134.649

0, 50.712, 134.649

72, 50.712,
134.649

72, 50.712,
134.649

71, 61.559,
134.064

73, 39.353,
135.242

70, 71.561,
133.549

74, 27.721,
135.805

70, 80.286,
133.203

76, 15.993,
136.323

69, 87.235,
133.152

77, 4.297, 136.813

69, 91.995,
133.504

79, 7.277, 317.147

68, 94.089,
133.830

81, 18.665,
317.514

82, 29.825,

317.821

■ 84, 37.515,
320.542

■ 85, 39.352,
325.790

Harmonies

Complementary

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



72, 50.712, 134.649



55, 52.072, 318.766

Rectangle

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



72, 50.712, 134.649



72, 50.712, 184.649



72, 50.712, 314.649



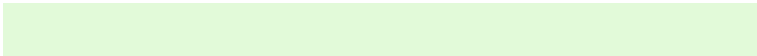
72, 50.712, 4.649

Sweetspot

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



72, 50.713, 134.650



96, 18.768, 136.348



70, 34.686, 90.631



51, 13.141, 136.237



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 50.713, 134.650



90, 73.854, 134.114



71, 46.597, 147.967



40, 6.646, 136.534



58, 82.208, 133.674



10, 22.650, 138.868

Inverse Universe

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



55, 52.072, 318.766



66, 76.127, 319.080



57, 46.778, 334.717



38, 6.693, 317.303



31, 84.152, 318.684



3, 21.481, 314.765

Previews

White Background



This preview shows how the CIELCh color 72, 50.712, 134.649 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, 50.712, 134.649 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, 50.712, 134.649

Background



This preview shows how black text looks on a background with the CIELCh color 72, 50.712, 134.649.



This preview shows how white text looks on a background with the CIELCh color 72, 50.712, 134.649.

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](#).

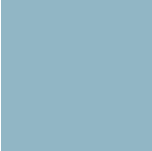
Dichromacy



Original Color
72, 50.712, 134.649

Protanopia
72, 40.125, 95.684

Deuteranopia
72, 34.978, 75.236

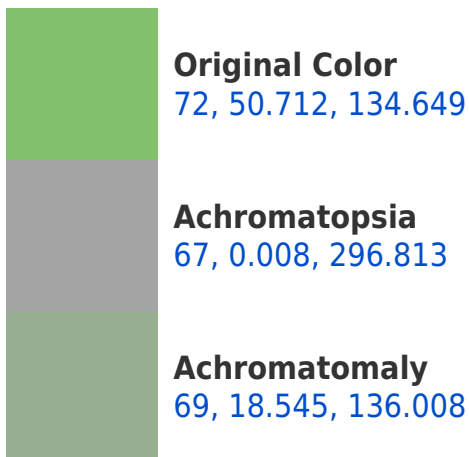


Tritanopia
72, 14.730, 232.474

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 50.712, 134.649 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(130, 192, 108)` looks like.

```
.text, #text, p{  
    color:rgb(130, 192, 108)  
}
```

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(130, 192, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 192, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 50.712, 134.649 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(130, 192, 108) }
```

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

```
.border{ border-color:rgb(130, 192, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 192, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 192, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 192, 108);  
box-shadow:4px 4px 4px 4px rgb(130, 192,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 50.712, 134.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 192, 108) }
```

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

```
.background{ background-color: rgb(130,  
192, 108) }
```

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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