

Converting Colors

CIELCh(72, 61.951, 132.998)

Have a look what the booklet for
CIELCh(72, 61.951, 132.998)
contains.

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Color

CIELCh(72, 62.219, 132.924)

Conversions

Conversions Part 1

Format	Color
Hex	79C359
RGB	121, 195, 89
RGB Percent	47%, 76%, 35%
CMY	0.5266, 0.2364, 0.6520
CMYK	0.38, 0.00, 0.54, 0.24
HSL	102°, 47%, 56%
HSV	102°, 54%, 76%
XYZ	29.0855, 43.6590, 16.2854
YIQ	160.7900, -10.0780, -48.6540

Conversions

Conversions Part 2

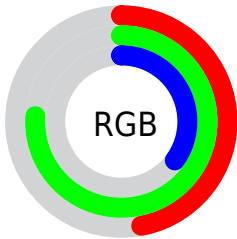
Format	Color
RYB	89, 195, 163
Decimal	7979865
CIELab	72.00, -42.37, 45.56
CIELCh	72, 62.219, 132.924
Yxy	43.6590, 0.3267, 0.4904
Android (android.graphics.Color)	4286169945 (0xFF79C359)
YUV	160.7900, -35.3925, -34.8958
Hunter-Lab	66.0750, -37.0574, 31.6393

Details

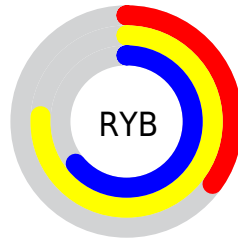
The CIELCh color **72, 62.219, 132.924** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **50, 64.669, 317.893**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 61.999, 132.975**, and **52, 62.489, 132.841** is the 20% darker color. If you saturate the color by 10%, you get **71, 72.155, 132.483**, and if you desaturate by 10%, it is **73, 51.430, 133.458**.

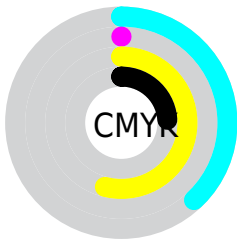
Distribution



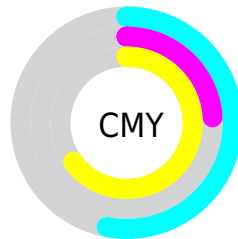
- Red (47%)
- Green (76%)
- Blue (35%)



- Red (35%)
- Yellow (76%)
- Blue (64%)



- Cyan (38%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 62.219, 132.924 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, 62.219, 132.924 by changing the saturation by 10% instead.


 72, 62.219,
132.924


 72, 62.219,
132.924


 100, 62.219,
132.924


 62, 62.219,
132.924


 92, 62.219,
132.924


 52, 62.219,
132.924

 42, 62.219,
132.924

 32, 62.219,
132.924

 22, 62.219,
132.924

 12, 62.219,
132.924

 2, 62.219, 132.924

0, 62.219, 132.924

72, 62.219,
132.924

72, 62.219,
132.924

71, 72.155,
132.483

73, 51.430,
133.458

71, 80.797,
132.235

74, 40.117,
134.013

70, 87.649,
132.308

75, 28.523,
134.552

70, 92.314,
132.806

77, 16.821,
135.055

69, 94.201,
133.165

78, 5.136, 135.529

80, 6.442, 315.868

81, 17.850,

316.236

■ 83, 29.048,
316.545

■ 85, 35.863,
319.932

Harmonies

Complementary

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



72, 62.219, 132.924



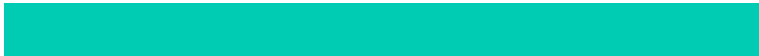
50, 64.669, 317.893

Rectangle

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



72, 62.219, 132.924



72, 62.219, 182.924



72, 62.219, 312.924



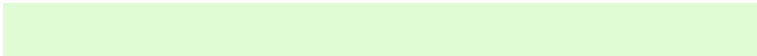
72, 62.219, 2.924

Sweetspot

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



72, 62.220, 132.925



96, 23.042, 134.967



68, 42.081, 85.271



51, 15.692, 134.863



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, 62.220, 132.925



90, 89.509, 132.428



71, 59.928, 144.984



40, 6.570, 135.295



58, 81.507, 132.982



10, 22.418, 138.004

Inverse Universe

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



50, 64.669, 317.893



59, 93.454, 318.155



54, 59.523, 333.495



38, 6.624, 316.051



29, 84.743, 317.409



3, 21.198, 313.070

Previews

White Background



This preview shows how the CIELCh color 72, 62.219, 132.924 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, 62.219, 132.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

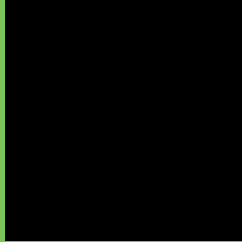
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 62.219, 132.924

Background



This preview shows how black text looks on a background with the CIELCh color 72, 62.219, 132.924.

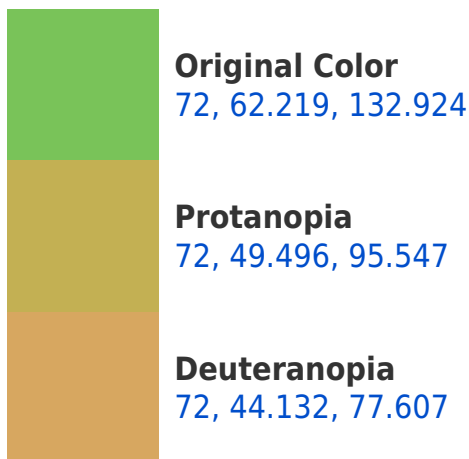


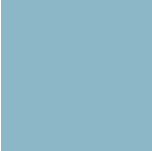
This preview shows how white text looks on a background with the CIELCh color 72, 62.219, 132.924.

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, 16.561, 228.174

Trichromacy



Original Color
72, 62.219, 132.924



Protanomaly
71, 51.265, 112.377



Deuteranomaly
71, 44.363, 103.486



Tritanomaly
71, 25.723, 159.563

Monochromacy



Original Color
72, 62.219, 132.924



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 23.375, 135.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 62.219, 132.924 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(121, 195, 89)` looks like.

```
.text, #text, p{  
    color:rgb(121, 195, 89)  
}
```

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(121, 195, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 195, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 62.219, 132.924 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(121, 195, 89) }
```

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

```
.border{ border-color:rgb(121, 195, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 195, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 195, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 195, 89);  
box-shadow:4px 4px 4px 4px rgb(121, 195,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 62.219, 132.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 195, 89) }
```

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

```
.background{ background-color: rgb(121,  
195, 89) }
```

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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