

Converting Colors

CIELCh(72, 52.802, 141.288)

Have a look what the booklet for
CIELCh(72, 52.802, 141.288)
contains.

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Color

CIELCh(72, 52.919, 141.273)

Conversions

Conversions Part 1

Format	Color
Hex	72C372
RGB	114, 195, 114
RGB Percent	45%, 76%, 45%
CMY	0.5541, 0.2365, 0.5540
CMYK	0.42, 0.00, 0.42, 0.24
HSL	120°, 40%, 60%
HSV	120°, 42%, 76%
XYZ	29.3684, 43.6590, 22.7152
YIQ	161.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

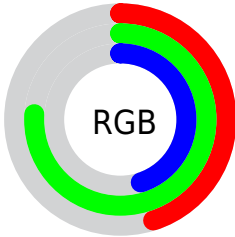
Format	Color
RYB	114, 195, 195
Decimal	7521138
CIELab	72.00, -41.28, 33.11
CIELCh	72, 52.919, 141.273
Yxy	43.6590, 0.3067, 0.4560
Android (android.graphics.Color)	4285711218 (0xFF72C372)
YUV	161.5470, -23.4407, -41.6987
Hunter-Lab	66.0750, -36.2932, 25.8698

Details

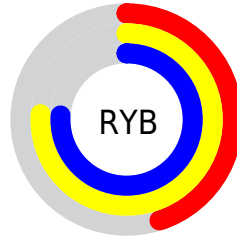
The CIELCh color **72, 52.919, 141.273** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **59, 52.794, 326.648**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 52.856, 141.440**, and **52, 53.283, 141.167** is the 20% darker color. If you saturate the color by 10%, you get **71, 64.637, 140.213**, and if you desaturate by 10%, it is **73, 40.509, 142.225**.

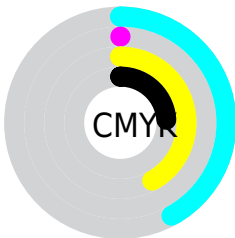
Distribution



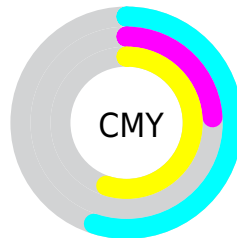
- Red (45%)
- Green (76%)
- Blue (45%)



- Red (45%)
- Yellow (76%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)





- Cyan (55%)
- Magenta (24%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 52.919, 141.273 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, 52.919, 141.273 by changing the saturation by 10% instead.


 72, 52.919,
141.273


 72, 52.919,
141.273


 100, 52.919,
141.273


 62, 52.919,
141.273


 92, 52.919,
141.273

 52, 52.919,
141.273

 42, 52.919,
141.273

 32, 52.919,
141.273

 22, 52.919,
141.273

 12, 52.919,
141.273

 2, 52.919, 141.273

0, 52.919, 141.273

72, 52.919,
141.273

72, 52.919,
141.273

71, 64.637,
140.213

73, 40.509,
142.225

70, 75.256,
139.085

75, 27.730,
143.056

69, 84.298,
137.976

76, 14.839,
143.774

69, 91.248,
137.014

78, 2.026, 144.485

69, 95.691,
136.345

80, 10.573,
324.847

69, 97.764,
136.018

83, 22.868,
325.291

■ 85, 34.804,
325.660

■ 86, 37.820,
325.738

Harmonies

Complementary

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



72, 52.919, 141.273



59, 52.794, 326.648

Rectangle

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



72, 52.919, 141.273



72, 52.919, 191.273



72, 52.919, 321.273



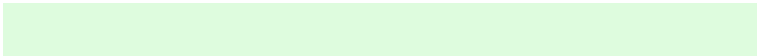
72, 52.919, 11.273

Sweetspot

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



72, 52.920, 141.273



96, 18.959, 143.735



77, 42.305, 106.212



52, 12.688, 143.644



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, 52.920, 141.273



90, 77.461, 140.303



73, 36.308, 159.525



40, 7.213, 143.922



57, 84.782, 136.018



10, 24.258, 144.100

Inverse Universe

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



59, 52.794, 326.648



71, 77.026, 327.068



58, 38.112, 347.811



38, 7.224, 324.937



38, 81.790, 328.243



4, 24.208, 326.367

Previews

White Background



This preview shows how the CIELCh color 72, 52.919, 141.273 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, 52.919, 141.273 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, 52.919, 141.273

Background



This preview shows how black text looks on a background with the CIELCh color 72, 52.919, 141.273.

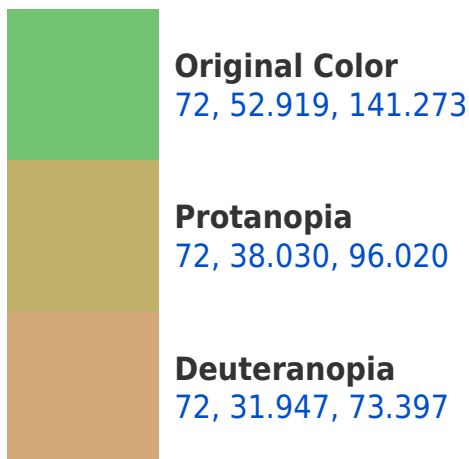


This preview shows how white text looks on a background with the CIELCh color 72, 52.919, 141.273.

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



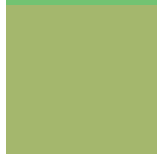


Tritanopia
72, 19.014, 221.984

Trichromacy



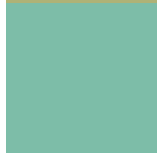
Original Color
72, 52.919, 141.273



Protanomaly
71, 40.018, 117.694



Deuteranomaly
71, 32.157, 109.189



Tritanomaly
72, 25.456, 170.662

Monochromacy



Original Color
72, 52.919, 141.273



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 19.525, 143.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 52.919, 141.273 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(114, 195, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 195, 114)  
}
```

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(114, 195, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 195, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 52.919, 141.273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

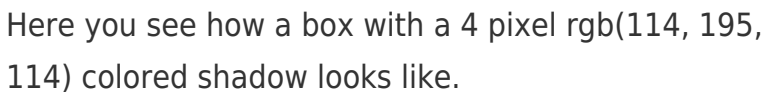
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 195, 114) }
```

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

```
.border{ border-color:rgb(114, 195, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 195, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 195, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 195, 114); box-shadow:4px 4px 4px 4px rgb(114, 195, 114) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 52.919, 141.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 195, 114) }
```

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

```
.background{ background-color: rgb(114,  
195, 114) }
```

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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