

Converting Colors

CIELCh(72, 70.065, 143.732)

Have a look what the booklet for
CIELCh(72, 70.065, 143.732)
contains.

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Color

CIELCh(72, 70.167, 143.651)

Conversions

Conversions Part 1

Format	Color
Hex	49C860
RGB	73, 200, 96
RGB Percent	29%, 78%, 38%
CMY	0.7129, 0.2150, 0.6229
CMYK	0.63, 0.00, 0.52, 0.22
HSL	131°, 54%, 54%
HSV	131°, 63%, 78%
XYZ	25.5749, 43.6590, 18.1827
YIQ	150.1710, -42.3080, -59.2680

Conversions

Conversions Part 2

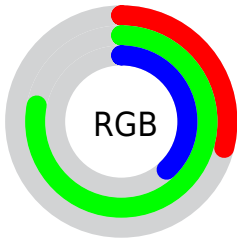
Format	Color
RYB	73, 181, 200
Decimal	4835424
CIELab	72.00, -56.51, 41.59
CIELCh	72, 70.167, 143.651
Yxy	43.6590, 0.2926, 0.4994
Android (android.graphics.Color)	4283025504 (0xFF49C860)
YUV	150.1710, -26.7063, -67.6790
Hunter-Lab	66.0750, -46.5412, 29.9369

Details

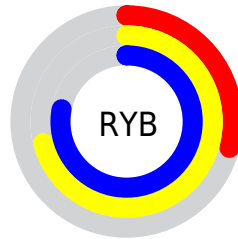
The CIELCh color **72, 70.167, 143.651** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **52, 68.900, 334.040**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 68.530, 143.942**, and **52, 68.467, 141.884** is the 20% darker color. If you saturate the color by 10%, you get **71, 78.870, 142.148**, and if you desaturate by 10%, it is **73, 60.376, 145.020**.

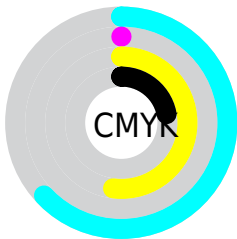
Distribution



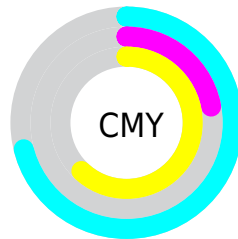
- Red (29%)
- Green (78%)
- Blue (38%)



- Red (29%)
- Yellow (71%)
- Blue (78%)



- Cyan (63%)
- Magenta (0%)
- Yellow (52%)
- Black (22%)





- Cyan (71%)
- Magenta (22%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 70.167, 143.651 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, 70.167, 143.651 by changing the saturation by 10% instead.


 72, 70.167,
143.651


 72, 70.167,
143.651


 100, 70.167,
143.651


 62, 70.167,
143.651


 92, 70.167,
143.651

 52, 70.167,
143.651

 42, 70.167,
143.651

 32, 70.167,
143.651

 22, 70.167,
143.651

 12, 70.167,
143.651

 2, 70.167, 143.651

0, 70.167, 143.651

72, 70.167,
143.651

72, 70.167,
143.651

71, 78.870,
142.148

73, 60.376,
145.020

71, 86.225,
140.564

74, 49.764,
146.234

71, 92.007,
138.994

75, 38.596,
147.292

71, 94.947,
138.088

77, 27.107,
148.208

78, 15.498,
149.001

80, 3.929, 149.734

■ 82, 7.478, 330.199

■ 84, 18.640,
330.729

■ 86, 29.499,
331.175

Harmonies

Complementary

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



72, 70.167, 143.651



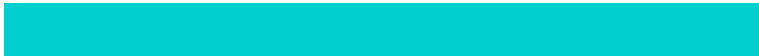
52, 68.900, 334.040

Rectangle

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



72, 70.167, 143.651



72, 70.167, 193.651



72, 70.167, 323.651



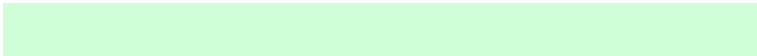
72, 70.167, 13.651

Sweetspot

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



72, 70.168, 143.651



96, 26.738, 148.551



77, 63.855, 112.495



51, 18.411, 148.314



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, 70.168, 143.651



89, 98.072, 141.574



73, 46.288, 166.271



41, 6.494, 149.295



58, 81.135, 138.324



11, 24.347, 146.894

Inverse Universe

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



52, 68.900, 334.040



61, 93.561, 335.061



50, 54.084, 3.314



39, 6.513, 330.409



37, 71.985, 336.912



4, 22.834, 334.087

Previews

White Background



This preview shows how the CIELCh color 72, 70.167, 143.651 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, 70.167, 143.651 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, 70.167, 143.651

Background



This preview shows how black text looks on a background with the CIELCh color 72, 70.167, 143.651.

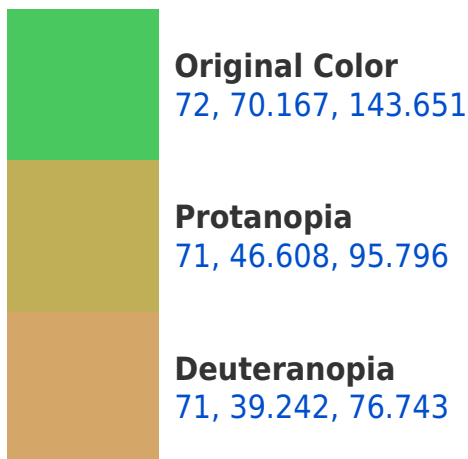


This preview shows how white text looks on a background with the CIELCh color 72, 70.167, 143.651.

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, 26.906, 215.411

Trichromacy



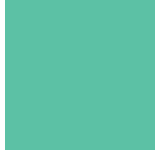
Original Color
72, 70.167, 143.651



Protanomaly
70, 50.800, 122.102



Deuteranomaly
70, 41.466, 116.014



Tritanomaly
72, 36.670, 171.933

Monochromacy



Original Color
72, 70.167, 143.651



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 27.598, 147.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 70.167, 143.651 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(73, 200, 96)` looks like.

```
.text, #text, p{  
    color:rgb(73, 200, 96)  
}
```

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(73, 200, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 200, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 70.167, 143.651 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(73, 200, 96) }
```

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

```
.border{ border-color:rgb(73, 200, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 200, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 200, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 200, 96);  
box-shadow:4px 4px 4px 4px rgb(73, 200,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 70.167, 143.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 200, 96) }
```

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

```
.background{ background-color: rgb(73, 200,  
96) }
```

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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