

Converting Colors

CIELCh(72, 68.150, 148.731)

Have a look what the booklet for
CIELCh(72, 68.150, 148.731)
contains.

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Color

CIELCh(72, 68.021, 148.896)

Conversions

Conversions Part 1

Format	Color
Hex	36C96D
RGB	54, 201, 109
RGB Percent	21%, 79%, 43%
CMY	0.7883, 0.2118, 0.5726
CMYK	0.73, 0.00, 0.46, 0.21
HSL	142°, 58%, 50%
HSV	142°, 73%, 79%
XYZ	25.1665, 43.6590, 21.5674
YIQ	146.5590, -58.0800, -59.7760

Conversions

Conversions Part 2

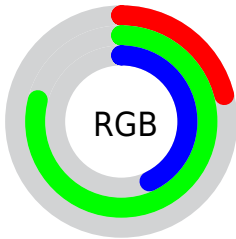
Format	Color
RYB	54, 161, 201
Decimal	3590509
CIELab	72.00, -58.24, 35.14
CIELCh	72, 68.021, 148.896
Yxy	43.6590, 0.2784, 0.4830
Android (android.graphics.Color)	4281780589 (0xFF36C96D)
YUV	146.5590, -18.5166, -81.1742
Hunter-Lab	66.0750, -47.6446, 26.8998

Details

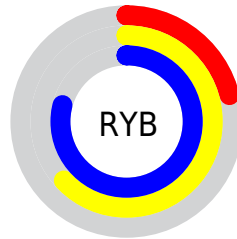
The CIELCh color **72, 68.021, 148.896** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **48, 67.274, 344.979**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 65.740, 149.362**, and **53, 63.802, 145.266** is the 20% darker color. If you saturate the color by 10%, you get **72, 74.757, 146.999**, and if you desaturate by 10%, it is **73, 60.355, 150.599**.

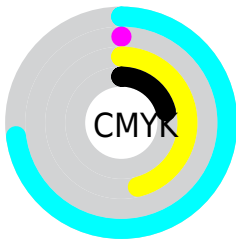
Distribution



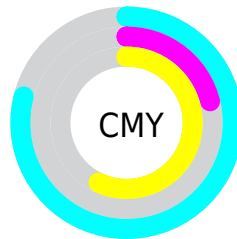
- Red (21%)
- Green (79%)
- Blue (43%)



- Red (21%)
- Yellow (63%)
- Blue (79%)



- Cyan (73%)
- Magenta (0%)
- Yellow (46%)
- Black (21%)





- Cyan (79%)
- Magenta (21%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 68.021, 148.896 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, 68.021, 148.896 by changing the saturation by 10% instead.


 72, 68.021,
148.896

 72, 68.021,
148.896


 100, 68.021,
148.896


 62, 68.021,
148.896


 92, 68.021,
148.896

 52, 68.021,
148.896

 42, 68.021,
148.896

 32, 68.021,
148.896

 22, 68.021,
148.896

 12, 68.021,
148.896

 2, 68.021, 148.896

■ 0, 68.021, 148.896

■ 72, 68.021,
148.896

■ 72, 68.021,
148.896

■ 72, 74.757,
146.999

■ 73, 60.355,
150.599

■ 71, 80.512,
144.940

■ 73, 51.875,
152.103

■ 71, 83.982,
143.524

■ 74, 42.742,
153.420

■ 76, 33.133,
154.571

■ 77, 23.227,
155.579

■ 79, 13.181,
156.472

■ 80, 3.129, 157.338

■ 82, 6.824, 337.860

■ 84, 16.601,
338.512

Harmonies

Complementary

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



72, 68.021, 148.896



48, 67.274, 344.979

Rectangle

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



72, 68.021, 148.896



72, 68.021, 198.896



72, 68.021, 328.896



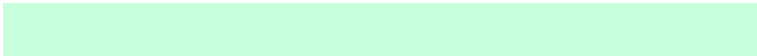
72, 68.021, 18.896

Sweetspot

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



72, 68.022, 148.896



96, 26.795, 155.657



75, 74.434, 121.257



50, 17.994, 155.395



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, 68.022, 148.896



88, 93.769, 145.759



73, 42.345, 181.632



41, 5.634, 156.786



59, 71.387, 143.875



11, 21.938, 151.379

Inverse Universe

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



48, 67.274, 344.979



57, 87.329, 348.141



46, 62.981, 22.158



39, 5.675, 338.097



36, 63.463, 350.422



4, 19.380, 345.178

Previews

White Background



This preview shows how the CIELCh color 72, 68.021, 148.896 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, 68.021, 148.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

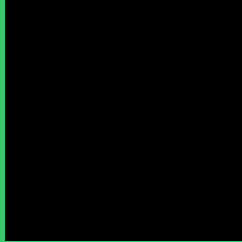
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 68.021, 148.896

Background



This preview shows how black text looks on a background with the CIELCh color 72, 68.021, 148.896.

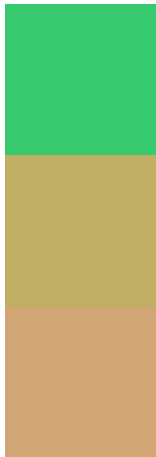


This preview shows how white text looks on a background with the CIELCh color 72, 68.021, 148.896.

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

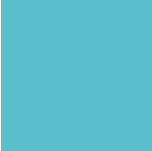
72, 68.021, 148.896

Protanopia

71, 41.155, 95.787

Deuteranopia

71, 33.167, 73.626



Tritanopia
72, 29.801, 213.428

Trichromacy



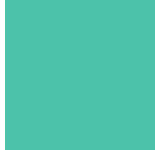
Original Color
72, 68.021, 148.896



Protanomaly
70, 46.224, 127.685



Deuteranomaly
70, 36.427, 123.681



Tritanomaly
72, 38.703, 176.597

Monochromacy



Original Color
72, 68.021, 148.896



Achromatopsia
61, 0.008, 296.813



Achromatomaly
64, 27.908, 154.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 68.021, 148.896 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(54, 201, 109)` looks like.

```
.text, #text, p{  
    color:rgb(54, 201, 109)  
}
```

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(54, 201, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 201, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 68.021, 148.896 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(54, 201, 109) }
```

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

```
.border{ border-color:rgb(54, 201, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 201, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 201, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 201, 109);  
box-shadow:4px 4px 4px 4px rgb(54, 201,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 68.021, 148.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 201, 109) }
```

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

```
.background{ background-color: rgb(54, 201,  
109) }
```

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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