

Converting Colors

CIELCh(72, 69.777, 140.114)

Have a look what the booklet for
CIELCh(72, 69.777, 140.114)
contains.

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Color

CIELCh(72, 69.692, 140.171)

Conversions

Conversions Part 1

Format	Color
Hex	58C75A
RGB	88, 199, 90
RGB Percent	35%, 78%, 35%
CMY	0.6549, 0.2196, 0.6471
CMYK	0.56, 0.00, 0.55, 0.22
HSL	121°, 50%, 56%
HSV	121°, 56%, 78%
XYZ	26.2930, 43.6590, 16.7138
YIQ	153.3850, -31.1670, -57.4310

Conversions

Conversions Part 2

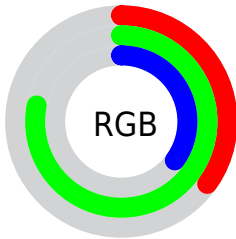
Format	Color
RYB	88, 197, 199
Decimal	5818202
CIELab	72.00, -53.52, 44.64
CIELCh	72, 69.692, 140.171
Yxy	43.6590, 0.3034, 0.5038
Android (android.graphics.Color)	4284008282 (0xFF58C75A)
YUV	153.3850, -31.2488, -57.3426
Hunter-Lab	66.0750, -44.6012, 31.2550

Details

The CIELCh color **72, 69.692, 140.171** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **55, 69.074, 327.812**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 68.583, 140.203**, and **52, 69.839, 140.066** is the 20% darker color. If you saturate the color by 10%, you get **71, 79.848, 139.002**, and if you desaturate by 10%, it is **73, 58.278, 141.288**.

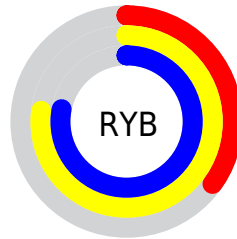
Distribution



Red (35%)

Green (78%)

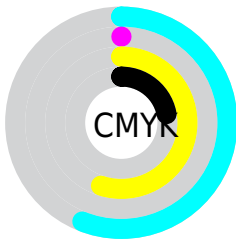
Blue (35%)



Red (35%)

Yellow (77%)

Blue (78%)

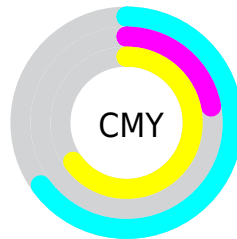


Cyan (56%)

Magenta (0%)

Yellow (55%)

Black (22%)



Cyan (65%)


Magenta (22%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 69.692, 140.171 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, 69.692, 140.171 by changing the saturation by 10% instead.


 72, 69.692,
140.171


 72, 69.692,
140.171


 100, 69.692,
140.171


 62, 69.692,
140.171


 92, 69.692,
140.171

 52, 69.692,
140.171

 42, 69.692,
140.171

 32, 69.692,
140.171

 22, 69.692,
140.171

 12, 69.692,
140.171

 2, 69.692, 140.171

0, 69.692, 140.171

72, 69.692,
140.171

72, 69.692,
140.171

71, 79.848,
139.002

73, 58.278,
141.288

71, 88.261,
137.876

74, 46.026,
142.299

70, 94.451,
136.929

76, 33.287,
143.188

70, 98.098,
136.297

77, 20.340,
143.956

70, 99.056,
136.150

79, 7.402, 144.629

81, 5.373, 325.096

83, 17.876,

325.597

■ 86, 30.037,
325.999

■ 87, 35.122,
325.645

Harmonies

Complementary

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



72, 69.692, 140.171



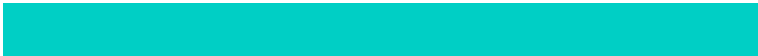
55, 69.074, 327.812

Rectangle

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



72, 69.692, 140.171



72, 69.692, 190.171



72, 69.692, 320.171



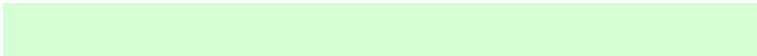
72, 69.692, 10.171

Sweetspot

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



72, 69.693, 140.171



96, 26.815, 143.850



78, 56.391, 105.782



51, 17.947, 143.699



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, 69.693, 140.171



89, 98.675, 138.746



73, 47.559, 158.436



41, 7.281, 144.393



58, 85.421, 136.186



11, 26.369, 143.895

Inverse Universe

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



55, 69.074, 327.812



65, 96.882, 328.277



53, 50.599, 350.974



39, 7.293, 325.417



38, 81.612, 328.954



4, 26.336, 327.608

Previews

White Background



This preview shows how the CIELCh color 72, 69.692, 140.171 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, 69.692, 140.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

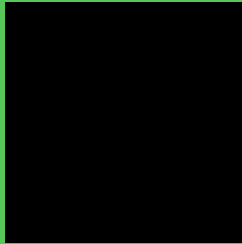
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 69.692, 140.171

Background



This preview shows how black text looks on a background with the CIELCh color 72, 69.692, 140.171.



This preview shows how white text looks on a background with the CIELCh color 72, 69.692, 140.171.

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, 69.692, 140.171

Protanopia
71, 49.524, 95.514

Deuteranopia
71, 42.973, 77.613



Tritanopia
72, 23.923, 217.948

Trichromacy



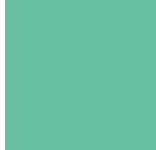
Original Color
72, 69.692, 140.171



Protanomaly
71, 52.840, 118.547



Deuteranomaly
70, 44.525, 111.794

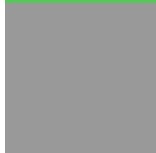


Tritanomaly
71, 33.905, 167.911

Monochromacy



Original Color
72, 69.692, 140.171



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 27.277, 143.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 69.692, 140.171 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(88, 199, 90)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 90)  
}
```

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(88, 199, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 69.692, 140.171 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(88, 199, 90) }
```

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

```
.border{ border-color:rgb(88, 199, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 90);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 69.692, 140.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 90) }
```

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

```
.background{ background-color: rgb(88, 199,  
90) }
```

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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