

Converting Colors

CIELCh(72, 76.311, 134.917)

Have a look what the booklet for
CIELCh(72, 76.311, 134.917)
contains.

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Color

CIELCh(72, 76.426, 134.936)

Conversions

Conversions Part 1

Format	Color
Hex	5FC745
RGB	95, 199, 69
RGB Percent	37%, 78%, 27%
CMY	0.6278, 0.2200, 0.7298
CMYK	0.52, 0.00, 0.65, 0.22
HSL	108°, 54%, 53%
HSV	108°, 65%, 78%
XYZ	26.1817, 43.6590, 12.6625
YIQ	153.0840, -20.2540, -62.4780

Conversions

Conversions Part 2

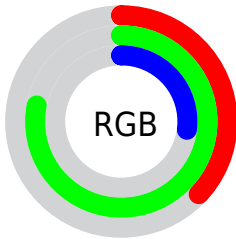
Format	Color
RYB	69, 199, 173
Decimal	6276933
CIELab	72.00, -53.98, 54.10
CIELCh	72, 76.426, 134.936
Yxy	43.6590, 0.3173, 0.5292
Android (android.graphics.Color)	4284467013 (0xFF5FC745)
YUV	153.0840, -41.4534, -50.9397
Hunter-Lab	66.0750, -44.9019, 34.8902

Details

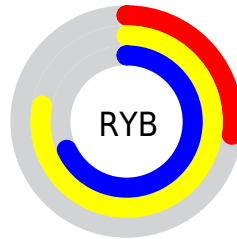
The CIELCh color **72, 76.426, 134.936** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **49, 77.868, 321.304**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 75.530, 135.044**, and **52, 76.437, 134.918** is the 20% darker color. If you saturate the color by 10%, you get **71, 85.137, 134.486**, and if you desaturate by 10%, it is **73, 66.237, 135.552**.

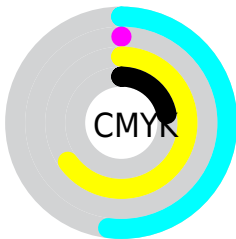
Distribution



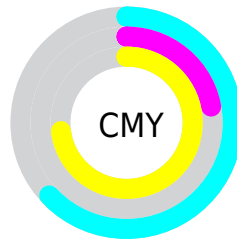
- Red (37%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (68%)



- Cyan (52%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)





- Cyan (63%)
- Magenta (22%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 76.426, 134.936 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, 76.426, 134.936 by changing the saturation by 10% instead.


 72, 76.426,
134.936


 72, 76.426,
134.936


 100, 76.426,
134.936


 62, 76.426,
134.936


 92, 76.426,
134.936

 52, 76.426,
134.936

 42, 76.426,
134.936

 32, 76.426,
134.936

 22, 76.426,
134.936

 12, 76.426,
134.936

 2, 76.426, 134.936

0, 76.426, 134.936

72, 76.426,
134.936

72, 76.426,
134.936

71, 85.137,
134.486

73, 66.237,
135.552

71, 91.843,
134.329

74, 55.046,
136.228

70, 96.162,
134.562

75, 43.230,
136.897

70, 97.599,
134.701

76, 31.073,
137.522

78, 18.783,
138.090

79, 6.513, 138.607

■ 81, 5.627, 318.971

■ 83, 17.562,
319.368

■ 85, 29.239,
319.693

Harmonies

Complementary

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



72, 76.426, 134.936



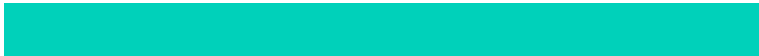
49, 77.868, 321.304

Rectangle

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



72, 76.426, 134.936



72, 76.426, 184.936



72, 76.426, 314.936



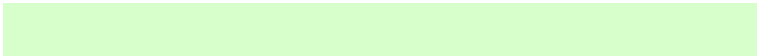
72, 76.426, 4.936

Sweetspot

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



72, 76.426, 134.937



96, 29.973, 137.817



71, 55.184, 92.544



51, 20.457, 137.653



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, 76.426, 134.937



89, 106.033, 134.385



72, 65.462, 147.356



41, 6.917, 138.401



59, 84.119, 134.564



11, 25.149, 139.623

Inverse Universe

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



49, 77.868, 321.304



57, 107.459, 321.347



51, 64.814, 339.741



39, 6.956, 319.208



33, 84.313, 320.773



3, 24.466, 318.413

Previews

White Background



This preview shows how the CIELCh color 72, 76.426, 134.936 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, 76.426, 134.936 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, 76.426, 134.936

Background



This preview shows how black text looks on a background with the CIELCh color 72, 76.426, 134.936.



This preview shows how white text looks on a background with the CIELCh color 72, 76.426, 134.936.

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, 76.426, 134.936

Protanopia
72, 58.759, 95.598

Deuteranopia
72, 52.272, 79.997

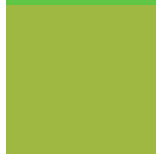


Tritanopia
72, 21.972, 219.968

Trichromacy



Original Color
72, 76.426, 134.936



Protanomaly
71, 61.022, 114.485



Deuteranomaly
71, 53.711, 107.616



Tritanomaly
72, 35.001, 160.558

Monochromacy



Original Color
72, 76.426, 134.936



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 30.365, 137.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 76.426, 134.936 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(95, 199, 69)` looks like.

```
.text, #text, p{  
    color:rgb(95, 199, 69)  
}
```

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(95, 199, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 199, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 76.426, 134.936 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(95, 199, 69) }
```

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

```
.border{ border-color:rgb(95, 199, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 199, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 199, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 199, 69);  
box-shadow:4px 4px 4px 4px rgb(95, 199,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 76.426, 134.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 199, 69) }
```

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

```
.background{ background-color: rgb(95, 199,  
69) }
```

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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