

Converting Colors

CIELCh(73, 72.804, 135.588)

Have a look what the booklet for
CIELCh(73, 72.804, 135.588)
contains.

CIELCh(73, 72.836, 135.658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 72.836, 135.658)

Conversions

Conversions Part 1

Format	Color
Hex	65C94F
RGB	101, 201, 79
RGB Percent	40%, 79%, 31%
CMY	0.6035, 0.2113, 0.6898
CMYK	0.50, 0.00, 0.61, 0.21
HSL	109°, 53%, 55%
HSV	109°, 61%, 79%
XYZ	27.7074, 45.1644, 14.6742
YIQ	157.1920, -20.4380, -59.1420

Conversions

Conversions Part 2

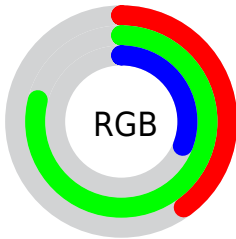
Format	Color
RYB	79, 201, 179
Decimal	6670671
CIELab	73.00, -52.09, 50.91
CIElCh	73, 72.836, 135.658
Yxy	45.1644, 0.3165, 0.5159
Android (android.graphics.Color)	4284860751 (0xFF65C94F)
YUV	157.1920, -38.5487, -49.2804
Hunter-Lab	67.2044, -44.0148, 34.0971

Details

The CIELCh color **73, 72.836, 135.658** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **51, 73.988, 321.827**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 70.901, 135.475**, and **53, 72.888, 135.686** is the 20% darker color. If you saturate the color by 10%, you get **72, 82.396, 135.069**, and if you desaturate by 10%, it is **74, 61.995, 136.351**.

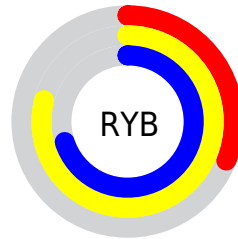
Distribution



Red (40%)

Green (79%)

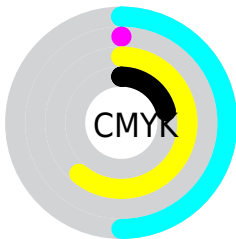
Blue (31%)



Red (31%)

Yellow (79%)

Blue (70%)

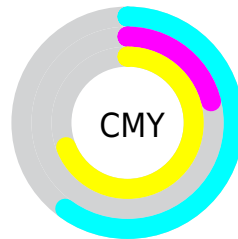


Cyan (50%)

Magenta (0%)

Yellow (61%)

Black (21%)



Cyan (60%)


Magenta (21%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 72.836, 135.658 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 73, 72.836, 135.658 by changing the saturation by 10% instead.


 73, 72.836,
135.658

 73, 72.836,
135.658


 100, 72.836,
135.658


 63, 72.836,
135.658


 93, 72.836,
135.658

 53, 72.836,
135.658

 43, 72.836,
135.658

 33, 72.836,
135.658

 23, 72.836,
135.658

 13, 72.836,
135.658

 3, 72.836, 135.658

0, 72.836, 135.658

73, 72.836,
135.658

73, 72.836,
135.658

72, 82.396,
135.069

74, 61.995,
136.351

72, 90.147,
134.704

75, 50.312,
137.061

71, 95.601,
134.686

76, 38.129,
137.736

71, 98.696,
134.924

78, 25.701,
138.353

79, 13.216,
138.906

81, 0.811, 139.630

■ 83, 11.417,
319.757

■ 85, 23.401,
320.119

■ 87, 32.830,
322.665

Harmonies

Complementary

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



73, 72.836, 135.658



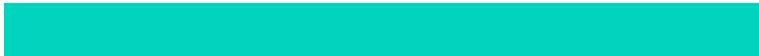
51, 73.988, 321.827

Rectangle

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



73, 72.836, 135.658



73, 72.836, 185.658



73, 72.836, 315.658



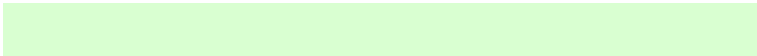
73, 72.836, 5.658

Sweetspot

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



73, 72.837, 135.659



96, 27.128, 138.492



73, 52.769, 94.253



51, 18.863, 138.321



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 72.837, 135.659



89, 101.911, 134.915



73, 61.171, 148.701



41, 6.959, 138.973



59, 84.369, 134.791



11, 25.286, 140.031

Inverse Universe

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



51, 73.988, 321.827



59, 103.039, 321.993



53, 61.187, 340.074



39, 6.994, 319.794



33, 84.084, 321.458



4, 24.677, 319.303

Previews

White Background



This preview shows how the CIELCh color 73, 72.836, 135.658 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 73, 72.836, 135.658 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 73, 72.836, 135.658

Background



This preview shows how black text looks on a background with the CIELCh color 73, 72.836, 135.658.

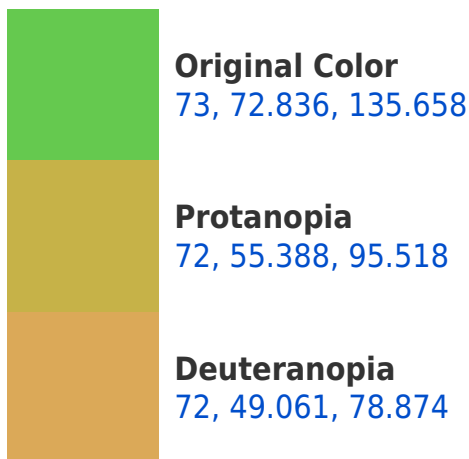


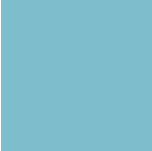
This preview shows how white text looks on a background with the CIELCh color 73, 72.836, 135.658.

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
73, 21.714, 220.202

Trichromacy



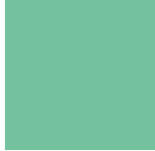
Original Color
73, 72.836, 135.658



Protanomaly
72, 57.530, 114.537



Deuteranomaly
72, 49.999, 107.707



Tritanomaly
72, 33.031, 162.906

Monochromacy



Original Color
73, 72.836, 135.658



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 27.981, 138.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 72.836, 135.658 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(101, 201, 79)` looks like.

```
.text, #text, p{  
    color:rgb(101, 201, 79)  
}
```

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(101, 201, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 201, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 72.836, 135.658 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(101, 201, 79) }
```

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

```
.border{ border-color:rgb(101, 201, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 201, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 201, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 201, 79);  
box-shadow:4px 4px 4px 4px rgb(101, 201,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 72.836, 135.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 201, 79) }
```

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

```
.background{ background-color: rgb(101,  
201, 79) }
```

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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