

Converting Colors

CIELCh(73, 66.966, 135.382)

Have a look what the booklet for
CIELCh(73, 66.966, 135.382)
contains.

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Color

CIELCh(73, 67.119, 135.375)

Conversions

Conversions Part 1

Format	Color
Hex	6FC858
RGB	111, 200, 88
RGB Percent	44%, 78%, 35%
CMY	0.5664, 0.2173, 0.6564
CMYK	0.45, 0.00, 0.56, 0.22
HSL	108°, 50%, 56%
HSV	108°, 56%, 78%
XYZ	28.8050, 45.1644, 16.3480
YIQ	160.6210, -17.0920, -53.7000

Conversions

Conversions Part 2

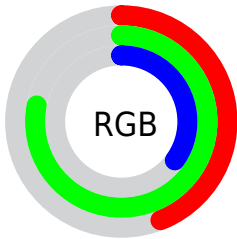
Format	Color
RYB	88, 200, 177
Decimal	7325784
CIELab	73.00, -47.77, 47.15
CIELCh	73, 67.119, 135.375
Yxy	45.1644, 0.3189, 0.5001
Android (android.graphics.Color)	4285515864 (0xFF6FC858)
YUV	160.6210, -35.8022, -43.5176
Hunter-Lab	67.2044, -41.0996, 32.6203

Details

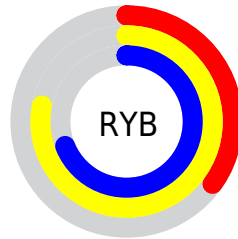
The CIELCh color **73, 67.119, 135.375** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **52, 68.519, 320.945**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 65.639, 135.240**, and **53, 66.862, 135.407** is the 20% darker color. If you saturate the color by 10%, you get **72, 77.236, 134.780**, and if you desaturate by 10%, it is **74, 55.972, 136.041**.

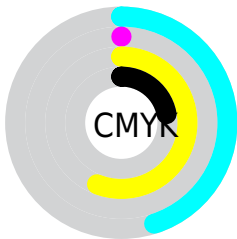
Distribution



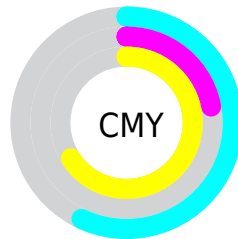
- Red (44%)
- Green (78%)
- Blue (35%)



- Red (35%)
- Yellow (78%)
- Blue (69%)



- Cyan (45%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.119, 135.375 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, 67.119, 135.375 by changing the saturation by 10% instead.


 73, 67.119,
135.375


 73, 67.119,
135.375


 100, 67.119,
135.375


 63, 67.119,
135.375


 93, 67.119,
135.375

 53, 67.119,
135.375

 43, 67.119,
135.375

 33, 67.119,
135.375

 23, 67.119,
135.375

 13, 67.119,
135.375

 3, 67.119, 135.375

0, 67.119, 135.375

73, 67.119,
135.375

73, 67.119,
135.375

72, 77.236,
134.780

74, 55.972,
136.041

72, 85.835,
134.360

75, 44.177,
136.705

71, 92.394,
134.246

76, 32.023,
137.330

71, 96.563,
134.523

78, 19.724,
137.898

71, 97.770,
134.642

79, 7.434, 138.415

81, 4.734, 318.778

83, 16.702,

319.185

■ 85, 28.417,
319.513

■ 87, 34.465,
324.803

Harmonies

Complementary

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



73, 67.119, 135.375



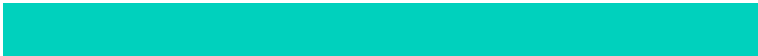
52, 68.519, 320.945

Rectangle

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



73, 67.119, 135.375



73, 67.119, 185.375



73, 67.119, 315.375



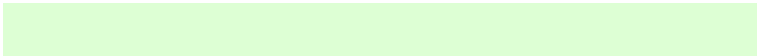
73, 67.119, 5.375

Sweetspot

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



73, 67.120, 135.376



97, 25.418, 137.836



72, 47.549, 92.564



51, 17.010, 137.724



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, 67.120, 135.376



90, 94.978, 134.684



73, 58.264, 148.134



41, 6.906, 138.248



59, 84.049, 134.501



11, 25.113, 139.514

Inverse Universe

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



52, 68.519, 320.945



61, 96.819, 321.176



54, 58.302, 337.968



39, 6.946, 319.051



33, 84.376, 320.593



3, 24.412, 318.178

Previews

White Background



This preview shows how the CIELCh color 73, 67.119, 135.375 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, 67.119, 135.375 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, 67.119, 135.375

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.119, 135.375.

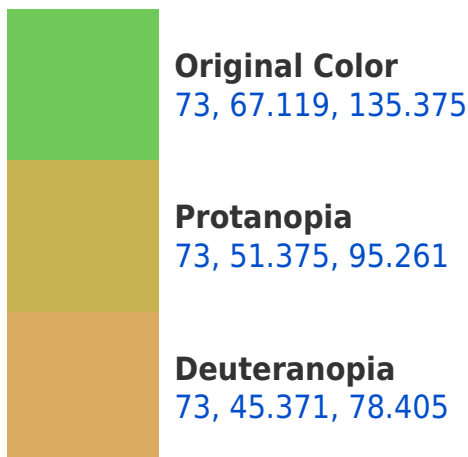


This preview shows how white text looks on a background with the CIELCh color 73, 67.119, 135.375.

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, 19.673, 222.797

Trichromacy



Original Color
73, 67.119, 135.375



Protanomaly
72, 53.793, 114.146



Deuteranomaly
72, 46.157, 106.674



Tritanomaly
73, 29.728, 162.646

Monochromacy



Original Color
73, 67.119, 135.375



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 25.263, 137.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.119, 135.375 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(111, 200, 88)` looks like.

```
.text, #text, p{  
    color:rgb(111, 200, 88)  
}
```

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(111, 200, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 200, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.119, 135.375 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(111, 200, 88) }
```

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

```
.border{ border-color:rgb(111, 200, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 200, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 200, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 200, 88);  
box-shadow:4px 4px 4px 4px rgb(111, 200,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.119, 135.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 200, 88) }
```

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

```
.background{ background-color: rgb(111,  
200, 88) }
```

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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