

Converting Colors

CIELCh(73, 85.298, 133.808)

Have a look what the booklet for
CIELCh(73, 85.298, 133.808)
contains.

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Color

CIELCh(73, 85.060, 133.853)

Conversions

Conversions Part 1

Format	Color
Hex	57CB34
RGB	87, 203, 52
RGB Percent	34%, 80%, 20%
CMY	0.6574, 0.2026, 0.7947
CMYK	0.57, 0.00, 0.74, 0.20
HSL	106°, 59%, 50%
HSV	106°, 74%, 80%
XYZ	26.0277, 45.1644, 10.6362
YIQ	151.1020, -20.6650, -71.5530

Conversions

Conversions Part 2

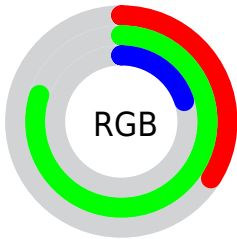
Format	Color
RYB	52, 203, 168
Decimal	5753652
CIELab	73.00, -58.93, 61.34
CIElCh	73, 85.060, 133.853
Yxy	45.1644, 0.3181, 0.5519
Android (android.graphics.Color)	4283943732 (0xFF57CB34)
YUV	151.1020, -48.8573, -56.2175
Hunter-Lab	67.2044, -48.4762, 37.6595

Details

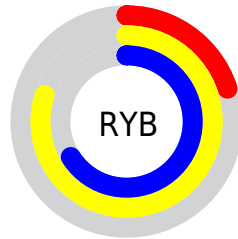
The CIELCh color **73, 85.060, 133.853** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **46, 87.133, 320.362**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 82.140, 133.529**, and **53, 79.838, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **72, 92.142, 133.753**, and if you desaturate by 10%, it is **74, 76.032, 134.249**.

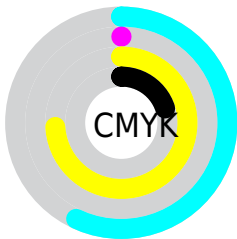
Distribution



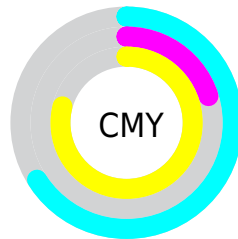
- Red (34%)
- Green (80%)
- Blue (20%)



- Red (20%)
- Yellow (80%)
- Blue (66%)



- Cyan (57%)
- Magenta (0%)
- Yellow (74%)
- Black (20%)





- Cyan (66%)
- Magenta (20%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 85.060, 133.853 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, 85.060, 133.853 by changing the saturation by 10% instead.


 73, 85.060,
133.853


 73, 85.060,
133.853


 100, 85.060,
133.853


 63, 85.060,
133.853


 93, 85.060,
133.853

 53, 85.060,
133.853

 43, 85.060,
133.853

 33, 85.060,
133.853

 23, 85.060,
133.853

 13, 85.060,
133.853

 3, 85.060, 133.853

■ 0, 85.060, 133.853

■ 73, 85.060,
133.853

■ 73, 85.060,
133.853

■ 72, 92.142,
133.753

■ 74, 76.032,
134.249

■ 72, 96.858,
134.052

■ 75, 65.589,
134.812

■ 72, 98.717,
134.311

■ 76, 54.202,
135.440

■ 77, 42.235,
136.068

■ 78, 29.958,
136.660

■ 79, 17.568,
137.201

■ 81, 5.209, 137.703

■ 83, 7.017, 318.051

■ 85, 19.039,
318.429

Harmonies

Complementary

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



73, 85.060, 133.853



46, 87.133, 320.362

Rectangle

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



73, 85.060, 133.853



73, 85.060, 183.853



73, 85.060, 313.853



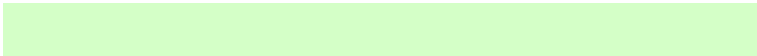
73, 85.060, 3.853

Sweetspot

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



73, 85.060, 133.854



96, 32.655, 136.771



70, 61.075, 88.921



51, 21.944, 136.616



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, 85.060, 133.854



89, 112.951, 133.879



72, 75.732, 144.690



42, 6.995, 137.445



60, 84.638, 134.156



12, 26.789, 138.151

Inverse Universe

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



46, 87.133, 320.362



53, 114.844, 320.035



49, 73.097, 339.029



40, 7.040, 318.234



32, 85.699, 319.664



4, 26.625, 317.990

Previews

White Background



This preview shows how the CIELCh color 73, 85.060, 133.853 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, 85.060, 133.853 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, 85.060, 133.853

Background



This preview shows how black text looks on a background with the CIELCh color 73, 85.060, 133.853.

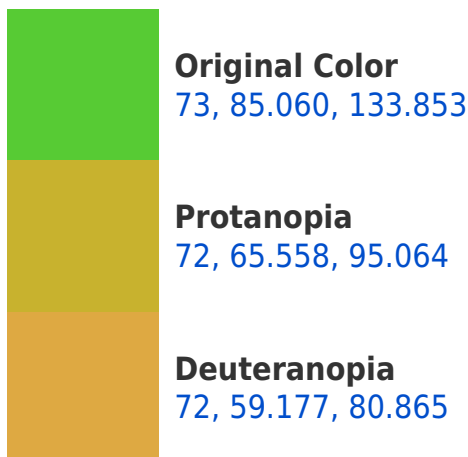


This preview shows how white text looks on a background with the CIELCh color 73, 85.060, 133.853.

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, 23.926, 217.896

Trichromacy



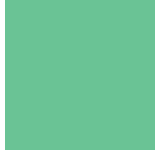
Original Color
73, 85.060, 133.853



Protanomaly
72, 68.572, 113.876



Deuteranomaly
71, 60.473, 107.545



Tritanomaly
72, 40.201, 158.148

Monochromacy



Original Color
73, 85.060, 133.853



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 34.464, 136.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 85.060, 133.853 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(87, 203, 52)` looks like.

```
.text, #text, p{  
    color:rgb(87, 203, 52)  
}
```

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(87, 203, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 203, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 85.060, 133.853 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(87, 203, 52) }
```

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

```
.border{ border-color:rgb(87, 203, 52) }
```

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

Here you see how a box with a 4 pixel rgb(87, 203, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 203, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 203, 52);  
box-shadow:4px 4px 4px 4px rgb(87, 203,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 85.060, 133.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 203, 52) }
```

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

```
.background{ background-color: rgb(87, 203,  
52) }
```

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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