

Converting Colors

CIELCh(85, 66.838, 111.734)

Have a look what the booklet for
CIELCh(85, 66.838, 111.734)
contains.

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Color

CIELCh(85, 66.838, 111.734)

Conversions

Conversions Part 1

Format	Color
Hex	CBDF58
RGB	203, 223, 88
RGB Percent	80%, 87%, 35%
CMY	0.2049, 0.1264, 0.6558
CMYK	0.09, 0.00, 0.61, 0.13
HSL	69°, 68%, 61%
HSV	69°, 61%, 87%
XYZ	52.6343, 66.0070, 19.1479
YIQ	201.6300, 31.4150, -46.2250

Conversions

Conversions Part 2

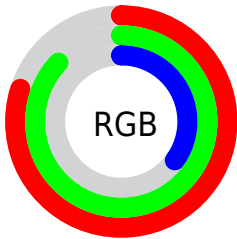
Format	Color
R _Y B	88, 223, 108
Decimal	13360984
CIE Lab	85.00, -24.75, 62.09
CIE LCh	85, 66.838, 111.734
Yxy	66.0070, 0.3820, 0.4790
Android (android.graphics.Color)	4291551064 (0xFFC _B D _F 58)
YUV	201.6300, -56.0196, 1.2015
Hunter-Lab	81.2447, -26.5372, 42.8978

Details

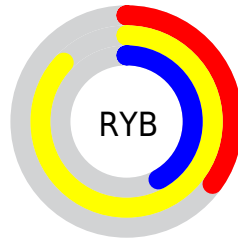
The CIELCh color **85, 66.838, 111.734** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **46, 79.194, 302.897**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **65, 66.904, 111.735** is the 20% darker color. If you saturate the color by 10%, you get **85, 75.380, 111.351**, and if you desaturate by 10%, it is **85, 57.047, 112.295**.

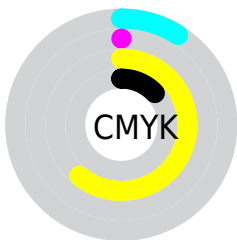
Distribution



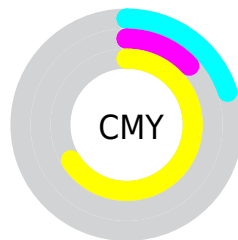
- Red (80%)
- Green (87%)
- Blue (35%)



- Red (35%)
- Yellow (87%)
- Blue (42%)



- Cyan (9%)
- Magenta (0%)
- Yellow (61%)
- Black (13%)





- Cyan (20%)
- Magenta (13%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 66.838, 111.734 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 85, 66.838, 111.734 by changing the saturation by 10% instead.


 85, 66.838,
111.734


 85, 66.838,
111.734


 100, 66.838,
111.734


 75, 66.838,
111.734

 65, 66.838,
111.734

 55, 66.838,
111.734

 45, 66.838,
111.734

 35, 66.838,
111.734


 25, 66.838,
111.734


 15, 66.838,


111.734


 5, 66.838, 111.734


 0, 66.838, 111.734


 85, 66.838,
111.734


 85, 66.838,
111.734


 85, 75.380,
111.351

 85, 57.047,
112.295

 84, 82.131,
111.219

 86, 46.441,
112.963

 84, 86.603,
111.418

 87, 35.330,
113.691

 84, 88.846,
111.897

 87, 23.919,
114.445

 88, 12.342,

115.202

■ 89, 0.690, 115.934

■ 90, 10.979,
296.667

■ 90, 16.957,
298.880

■ 90, 17.147,
302.618

Harmonies

Complementary

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



85, 66.838, 111.734



46, 79.194, 302.897

Rectangle

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



85, 66.838, 111.734



85, 66.838, 161.734



85, 66.838, 291.734



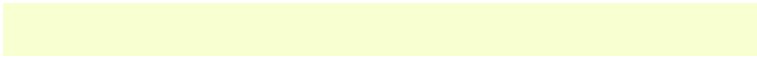
85, 66.838, 341.734

Sweetspot

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



85, 66.839, 111.736



98, 23.343, 114.632



59, 54.511, 35.706



52, 16.202, 114.410



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 66.839, 111.736



95, 85.924, 111.282



81, 74.865, 130.759



47, 6.652, 115.289



68, 74.459, 111.763



18, 28.196, 112.081

Inverse Universe

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



46, 79.194, 302.897



44, 107.126, 304.773



53, 79.282, 316.083



43, 6.796, 296.736



21, 100.326, 306.896



2, 31.891, 299.411

Previews

White Background



This preview shows how the CIELCh color 85, 66.838, 111.734 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 85, 66.838, 111.734 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 85, 66.838, 111.734

Background



This preview shows how black text looks on a background with the CIELCh color 85, 66.838, 111.734.



This preview shows how white text looks on a background with the CIELCh color 85, 66.838, 111.734.

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
85, 8.932, 309.370

Trichromacy



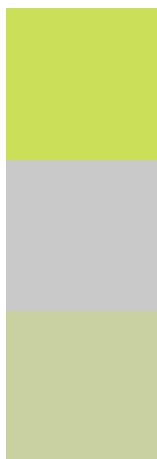
Original Color
85, 66.838, 111.734

Protanomaly
85, 64.406, 101.580

Deuteranomaly
85, 52.377, 93.546

Tritanomaly
85, 20.379, 110.581

Monochromacy



Original Color
85, 66.838, 111.734

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 25.803, 114.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 66.838, 111.734 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(203, 223, 88)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 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(203, 223, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 66.838, 111.734 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(203, 223, 88) }
```

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

```
.border{ border-color:rgb(203, 223, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 223, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 223, 88);  
box-shadow:4px 4px 4px 4px rgb(203, 223,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 66.838, 111.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 88) }
```

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

```
.background{ background-color: rgb(203,  
223, 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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