

Converting Colors

CIELCh(85, 63.361, 111.238)

Have a look what the booklet for
CIELCh(85, 63.361, 111.238)
contains.

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Color

CIELCh(85, 63.361, 111.238)

Conversions

Conversions Part 1

Format	Color
Hex	CDDE5F
RGB	205, 222, 95
RGB Percent	80%, 87%, 37%
CMY	0.1963, 0.1296, 0.6277
CMYK	0.08, 0.00, 0.57, 0.13
HSL	68°, 66%, 62%
HSV	68°, 57%, 87%
XYZ	53.3288, 66.0070, 20.7430
YIQ	202.4390, 30.6350, -43.1010

Conversions

Conversions Part 2

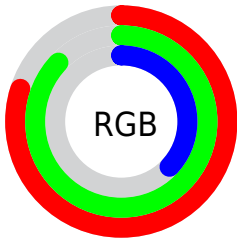
Format	Color
RYB	95, 222, 112
Decimal	13491807
CIELab	85.00, -22.95, 59.06
CIElCh	85, 63.361, 111.238
Yxy	66.0070, 0.3807, 0.4712
Android (android.graphics.Color)	4291681887 (0xFFCDDE5F)
YUV	202.4390, -52.9674, 2.2460
Hunter-Lab	81.2447, -25.0114, 41.7337

Details

The CIELCh color **85, 63.361, 111.238** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **48, 74.254, 302.047**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **65, 63.499, 111.263** is the 20% darker color. If you saturate the color by 10%, you get **85, 72.334, 110.763**, and if you desaturate by 10%, it is **85, 53.303, 111.863**.

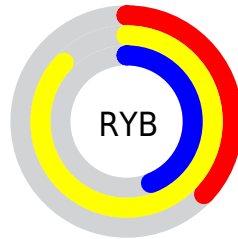
Distribution



Red (80%)

Green (87%)

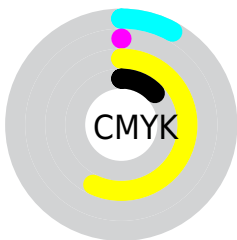
Blue (37%)



Red (37%)

Yellow (87%)

Blue (44%)

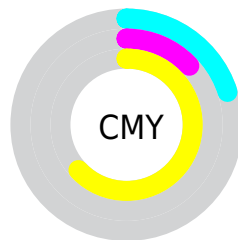


Cyan (8%)

Magenta (0%)

Yellow (57%)

Black (13%)



Cyan (20%)


Magenta (13%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 63.361, 111.238 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, 63.361, 111.238 by changing the saturation by 10% instead.


 85, 63.361,
111.238

 85, 63.361,
111.238


 100, 63.361,
111.238


 75, 63.361,
111.238

 65, 63.361,
111.238

 55, 63.361,
111.238

 45, 63.361,
111.238

 35, 63.361,
111.238

 25, 63.361,
111.238

 15, 63.361,

111.238

■ 5, 63.361, 111.238

■ 0, 63.361, 111.238

■ 85, 63.361,
111.238

■ 85, 63.361,
111.238

■ 85, 72.334,
110.763

■ 85, 53.303,
111.863

■ 84, 79.704,
110.505

■ 86, 42.547,
112.575

■ 84, 84.940,
110.542

■ 87, 31.366,
113.334

■ 84, 87.793,
110.921

■ 87, 19.936,
114.110

■ 84, 88.367,

■ 88, 8.375, 114.882

111.056

■ 89, 3.241, 295.645

■ 90, 14.859,
296.371

■ 90, 17.406,
299.130

■ 90, 17.576,
302.407

Harmonies

Complementary

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



85, 63.361, 111.238



48, 74.254, 302.047

Rectangle

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



85, 63.361, 111.238



85, 63.361, 161.238



85, 63.361, 291.238



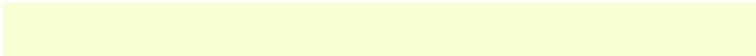
85, 63.361, 341.238

Sweetspot

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



85, 63.362, 111.240



99, 22.027, 114.117



60, 50.736, 35.241



52, 14.723, 113.960



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, 63.362, 111.240



96, 82.407, 110.681



81, 70.966, 130.882



47, 6.644, 114.712



68, 74.269, 110.935



19, 28.142, 111.312

Inverse Universe

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



48, 74.254, 302.047



47, 101.370, 303.946



55, 74.952, 315.989



43, 6.789, 296.198



21, 100.463, 306.808



2, 31.861, 299.068

Previews

White Background



This preview shows how the CIELCh color 85, 63.361, 111.238 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, 63.361, 111.238 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, 63.361, 111.238

Background



This preview shows how black text looks on a background with the CIELCh color 85, 63.361, 111.238.



This preview shows how white text looks on a background with the CIELCh color 85, 63.361, 111.238.

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](#).

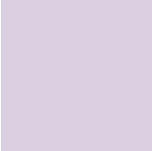
Dichromacy



Original Color
85, 63.361, 111.238

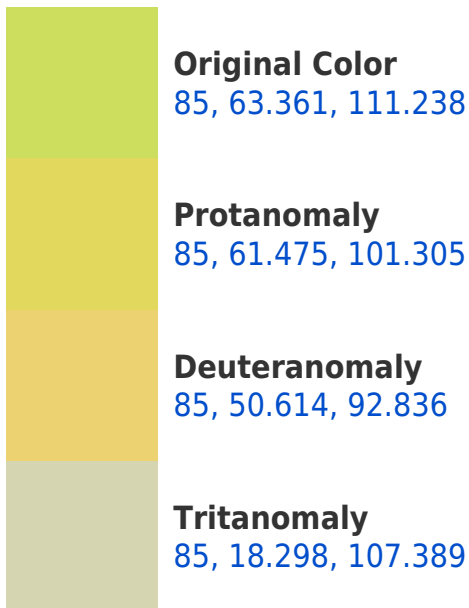
Protanopia
85, 61.114, 95.233

Deuteranopia
85, 46.590, 78.479



Tritanopia
85, 9.819, 314.329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 63.361, 111.238 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(205, 222, 95)` looks like.

```
.text, #text, p{  
    color:rgb(205, 222, 95)  
}
```

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(205, 222, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 222, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 63.361, 111.238 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(205, 222, 95) }
```

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

```
.border{ border-color:rgb(205, 222, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 222, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 222, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 222, 95);  
box-shadow:4px 4px 4px 4px rgb(205, 222,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 63.361, 111.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 222, 95) }
```

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

```
.background{ background-color: rgb(205,  
222, 95) }
```

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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