

Converting Colors

CIELCh(80, 65.367, 108.596)

Have a look what the booklet for
CIELCh(80, 65.367, 108.596)
contains.

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Color

CIELCh(80, 65.371, 108.841)

Conversions

Conversions Part 1

Format	Color
Hex	C3CF4B
RGB	195, 207, 75
RGB Percent	76%, 81%, 29%
CMY	0.2356, 0.1885, 0.7062
CMYK	0.06, 0.00, 0.64, 0.19
HSL	65°, 58%, 55%
HSV	65°, 64%, 81%
XYZ	46.0417, 56.6813, 15.1553
YIQ	188.3640, 35.2200, -43.5960

Conversions

Conversions Part 2

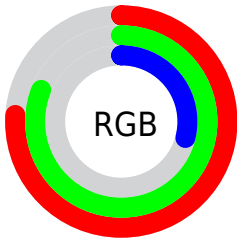
Format	Color
RYB	75, 207, 87
Decimal	12832587
CIELab	80.00, -21.11, 61.87
CIELCh	80, 65.371, 108.841
Yxy	56.6813, 0.3906, 0.4808
Android (android.graphics.Color)	4291022667 (0xFFC3CF4B)
YUV	188.3640, -55.8885, 5.8198
Hunter-Lab	75.2870, -22.5907, 40.7658

Details

The CIELCh color **80, 65.371, 108.841** 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 **40, 78.932, 302.143**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 61.323, 105.861**, and **60, 65.475, 108.976** is the 20% darker color. If you saturate the color by 10%, you get **80, 72.896, 108.406**, and if you desaturate by 10%, it is **80, 56.519, 109.452**.

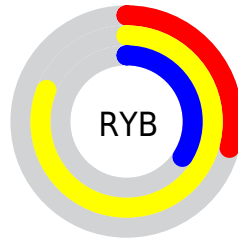
Distribution



Red (76%)

Green (81%)

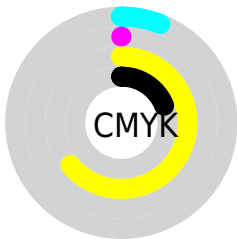
Blue (29%)



Red (29%)

Yellow (81%)

Blue (34%)

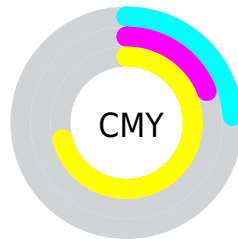


Cyan (6%)

Magenta (0%)

Yellow (64%)

Black (19%)



Cyan (24%)


Magenta (19%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 65.371, 108.841 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 80, 65.371, 108.841 by changing the saturation by 10% instead.


 80, 65.371,
108.841


 80, 65.371,
108.841


 100, 65.371,
108.841


 70, 65.371,
108.841

 60, 65.371,
108.841

 50, 65.371,
108.841

 40, 65.371,
108.841

 30, 65.371,
108.841

 20, 65.371,
108.841

 10, 65.371,

108.841

■ 0, 65.371, 108.841

■ 80, 65.371,
108.841

■ 80, 65.371,
108.841

■ 80, 72.896,
108.406

■ 80, 56.519,
109.452

■ 79, 78.578,
108.205

■ 81, 46.785,
110.174

■ 79, 82.023,
108.295

■ 81, 36.496,
110.964

■ 79, 83.289,
108.464

■ 82, 25.872,
111.787

■ 82, 15.056,
112.619

■ 83, 4.142, 113.439

■ 84, 6.808, 294.256

■ 84, 17.751,
295.030

■ 85, 25.435,
295.971

Harmonies

Complementary

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



80, 65.371, 108.841



40, 78.932, 302.143

Rectangle

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



80, 65.371, 108.841



80, 65.371, 158.841



80, 65.371, 288.841



80, 65.371, 338.841

Sweetspot

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



80, 65.372, 108.843



99, 24.529, 112.167



52, 56.294, 33.017



52, 16.860, 111.926



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 65.372, 108.843



96, 88.380, 108.290



76, 72.653, 129.141



44, 6.251, 112.981



66, 71.411, 108.385



15, 23.583, 110.134

Inverse Universe

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



40, 78.932, 302.143



41, 113.201, 304.499



47, 78.162, 314.659



40, 6.389, 294.578



20, 97.525, 306.604



2, 25.633, 295.523

Previews

White Background



This preview shows how the CIELCh color 80, 65.371, 108.841 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 80, 65.371, 108.841 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 80, 65.371, 108.841

Background



This preview shows how black text looks on a background with the CIELCh color 80, 65.371, 108.841.



This preview shows how white text looks on a background with the CIELCh color 80, 65.371, 108.841.

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
80, 65.371, 108.841

Protanopia
80, 63.320, 95.299

Deuteranopia
80, 61.236, 80.308



Tritanopia
80, 9.515, 322.977

Trichromacy



Original Color
80, 65.371, 108.841

Protanomaly
80, 63.395, 100.096

Deuteranomaly
80, 60.548, 91.351

Tritanomaly
80, 20.678, 103.924

Monochromacy



Original Color
80, 65.371, 108.841

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 25.485, 111.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 65.371, 108.841 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(195, 207, 75)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 75)  
}
```

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(195, 207, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 65.371, 108.841 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(195, 207, 75) }
```

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

```
.border{ border-color:rgb(195, 207, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 75);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 65.371, 108.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 75) }
```

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

```
.background{ background-color: rgb(195,  
207, 75) }
```

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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