

Converting Colors

CIELCh(80, 65.968, 105.757)

Have a look what the booklet for
CIELCh(80, 65.968, 105.757)
contains.

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Color

CIELCh(80, 65.965, 105.738)

Conversions

Conversions Part 1

Format	Color
Hex	C9CD47
RGB	201, 205, 71
RGB Percent	79%, 80%, 28%
CMY	0.2108, 0.1952, 0.7206
CMYK	0.02, 0.00, 0.65, 0.20
HSL	62°, 57%, 54%
HSV	62°, 65%, 80%
XYZ	47.1832, 56.6813, 14.4541
YIQ	188.5280, 40.6300, -42.5220

Conversions

Conversions Part 2

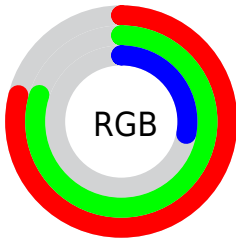
Format	Color
RYB	71, 205, 75
Decimal	13225287
CIELab	80.00, -17.89, 63.49
CIELCh	80, 65.965, 105.738
Yxy	56.6813, 0.3988, 0.4791
Android (android.graphics.Color)	4291415367 (0xFFC9CD47)
YUV	188.5280, -57.9413, 10.9379
Hunter-Lab	75.2870, -19.8842, 41.3180

Details

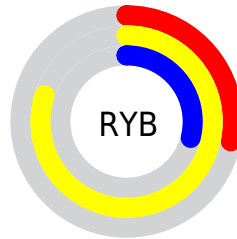
The CIELCh color **80, 65.965, 105.738** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **39, 80.590, 301.273**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 63.106, 105.348**, and **60, 65.659, 105.670** is the 20% darker color. If you saturate the color by 10%, you get **80, 73.151, 105.190**, and if you desaturate by 10%, it is **80, 57.375, 106.442**.

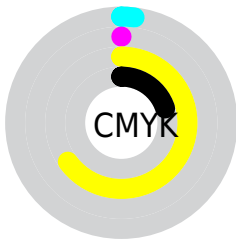
Distribution



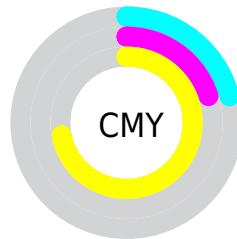
- Red (79%)
- Green (80%)
- Blue (28%)



- Red (28%)
- Yellow (80%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 65.965, 105.738 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, 65.965, 105.738 by changing the saturation by 10% instead.


 80, 65.965,
105.738

 80, 65.965,
105.738


 100, 65.965,
105.738


 70, 65.965,
105.738

 60, 65.965,
105.738

 50, 65.965,
105.738

 40, 65.965,
105.738

 30, 65.965,
105.738

 20, 65.965,
105.738

 10, 65.965,

105.738

■ 0, 65.965, 105.738

■ 80, 65.965,
105.738

■ 80, 65.965,
105.738

■ 80, 73.151,
105.190

■ 80, 57.375,
106.442

■ 80, 78.422,
104.839

■ 81, 47.844,
107.249

■ 80, 81.434,
104.717

■ 81, 37.717,
108.121

■ 80, 82.346,
104.710

■ 81, 27.229,
109.030

■ 82, 16.533,
109.951

■ 82, 5.728, 110.863

■ 83, 5.122, 291.784

■ 83, 15.974,
292.652

■ 84, 26.299,
293.474

Harmonies

Complementary

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



80, 65.965, 105.738



39, 80.590, 301.273

Rectangle

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



80, 65.965, 105.738



80, 65.965, 155.738



80, 65.965, 285.738



80, 65.965, 335.738

Sweetspot

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



80, 65.966, 105.740



99, 25.746, 109.494



50, 59.873, 29.765



53, 17.542, 109.231



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, 65.966, 105.740



97, 88.743, 105.035



76, 72.183, 126.915



43, 6.111, 110.492



66, 70.250, 104.682



14, 21.923, 107.139

Inverse Universe

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



39, 80.590, 301.273



40, 115.078, 303.956



45, 79.293, 312.763



39, 6.247, 292.271



19, 96.770, 306.387



1, 23.550, 293.217

Previews

White Background



This preview shows how the CIELCh color 80, 65.965, 105.738 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, 65.965, 105.738 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, 65.965, 105.738

Background



This preview shows how black text looks on a background with the CIELCh color 80, 65.965, 105.738.



This preview shows how white text looks on a background with the CIELCh color 80, 65.965, 105.738.

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, 65.965, 105.738

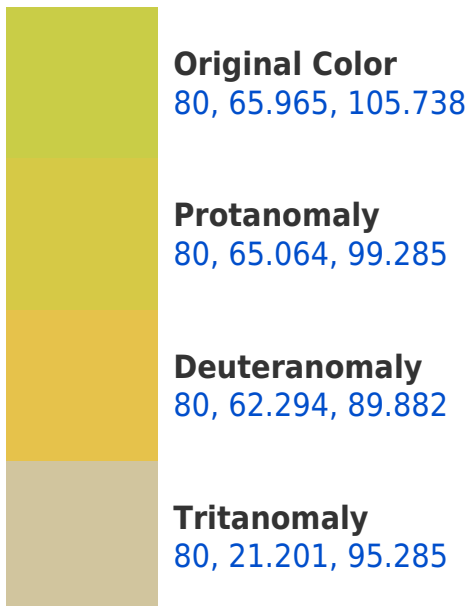
Protanopia
80, 65.287, 95.407

Deuteranopia
80, 63.071, 80.405

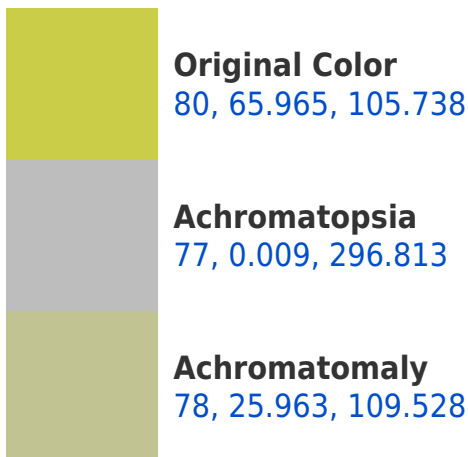


Tritanopia
80, 11.371, 335.715

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 65.965, 105.738 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(201, 205, 71)` looks like.

```
.text, #text, p{  
    color:rgb(201, 205, 71)  
}
```

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(201, 205, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 205, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 65.965, 105.738 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(201, 205, 71) }
```

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

```
.border{ border-color:rgb(201, 205, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 205, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 205, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 205, 71);  
box-shadow:4px 4px 4px 4px rgb(201, 205,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 65.965, 105.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 205, 71) }
```

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

```
.background{ background-color: rgb(201,  
205, 71) }
```

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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