

Converting Colors

CIELCh(82, 85.126, 105.913)

Have a look what the booklet for
CIELCh(82, 85.126, 105.913)
contains.

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Color

CIELCh(82, 84.755, 105.777)

Conversions

Conversions Part 1

Format	Color
Hex	CBD500
RGB	203, 213, 0
RGB Percent	80%, 84%, 0%
CMY	0.2038, 0.1646, 0.9997
CMYK	0.05, 0.00, 1.00, 0.16
HSL	63°, 100%, 42%
HSV	63°, 100%, 84%
XYZ	48.4343, 60.2982, 9.0877
YIQ	185.7280, 62.4130, -68.3630

Conversions

Conversions Part 2

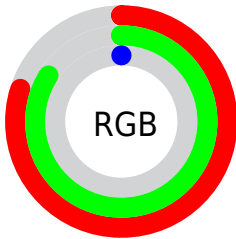
Format	Color
RYB	0, 213, 10
Decimal	13358336
CIELab	82.00, -23.04, 81.56
CIElCh	82, 84.755, 105.777
Yxy	60.2982, 0.4111, 0.5118
Android (android.graphics.Color)	4291548416 (0xFFCBD500)
YUV	185.7280, -91.5639, 15.1475
Hunter-Lab	77.6519, -24.5540, 47.4175

Details

The CIELCh color **82, 84.755, 105.777** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **26, 116.592, 306.400**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 78.990, 104.152**, and **62, 68.507, 108.559** is the 20% darker color. If you saturate the color by 10%, you get **82, 84.763, 105.779**, and if you desaturate by 10%, it is **82, 82.518, 105.734**.

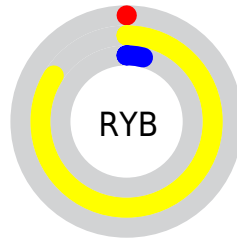
Distribution



Red (80%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (4%)

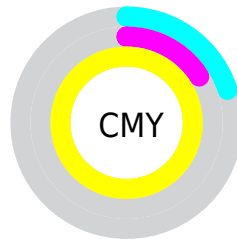


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 84.755, 105.777 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 82, 84.755, 105.777 by changing the saturation by 10% instead.

 82, 84.755,
105.777

 82, 84.755,
105.777

 100, 84.755,
105.777

 72, 84.755,
105.777

 62, 84.755,
105.777

 52, 84.755,
105.777

 42, 84.755,
105.777

 32, 84.755,
105.777

 22, 84.755,
105.777

 12, 84.755,

105.777

■ 2, 84.755, 105.777

■ 0, 84.755, 105.777

■ 82, 84.755,
105.777

■ 82, 84.755,
105.777

■ 82, 84.763,
105.779

■ 82, 82.518,
105.734

■ 82, 78.182,
105.912

■ 82, 71.657,
106.325

■ 83, 63.426,
106.925

■ 83, 54.009,

107.659

■ 83, 43.822,
108.479

■ 84, 33.160,
109.350

■ 84, 22.216,
110.245

■ 85, 11.117,
111.141

Harmonies

Complementary

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



82, 84.755, 105.777



26, 116.592, 306.400

Rectangle

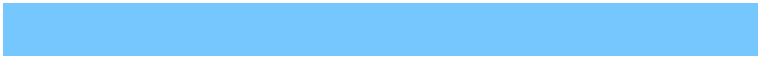
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 84.755, 105.777



82, 84.755, 155.777



82, 84.755, 285.777



82, 84.755, 335.777

Sweetspot

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



82, 84.754, 105.779



98, 38.414, 109.319



45, 90.845, 40.283



52, 26.117, 108.945



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 84.754, 105.779



96, 97.086, 105.809



76, 96.398, 129.252



45, 6.365, 111.188



67, 71.910, 105.736



17, 25.035, 107.183

Inverse Universe

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



26, 116.592, 306.400



32, 133.611, 306.380



35, 108.255, 312.578



41, 6.506, 292.924



20, 98.876, 306.440



2, 27.621, 295.216

Previews

White Background



This preview shows how the CIELCh color 82, 84.755, 105.777 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 82, 84.755, 105.777 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 82, 84.755, 105.777

Background



This preview shows how black text looks on a background with the CIELCh color 82, 84.755, 105.777.



This preview shows how white text looks on a background with the CIELCh color 82, 84.755, 105.777.

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

82, 84.755, 105.777

Protanopia

82, 82.771, 94.882

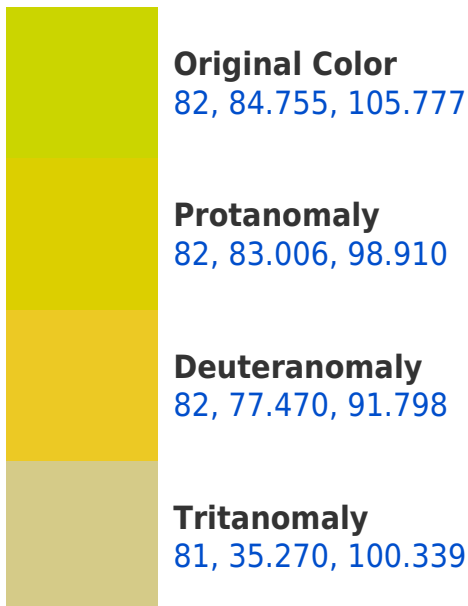
Deuteranopia

82, 72.940, 82.213



Tritanopia
82, 11.198, 331.069

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 84.755, 105.777 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, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 213, 0)  
}
```

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, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 213, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 84.755, 105.777 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, 213, 0) }
```

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

```
.border{ border-color:rgb(203, 213, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 213, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 213, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 213,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 84.755, 105.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 213, 0) }
```

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

```
.background{ background-color: rgb(203,  
213, 0) }
```

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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