

Converting Colors

CIELCh(82, 83.853, 102.508)

Have a look what the booklet for
CIELCh(82, 83.853, 102.508)
contains.

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Color

CIELCh(82, 84.007, 102.555)

Conversions

Conversions Part 1

Format	Color
Hex	D4D300
RGB	212, 211, 0
RGB Percent	83%, 83%, 0%
CMY	0.1705, 0.1742, 1.0000
CMYK	0.00, 0.00, 1.00, 0.17
HSL	60°, 100%, 41%
HSV	60°, 100%, 83%
XYZ	50.1955, 60.2982, 8.9524
YIQ	187.2450, 68.3270, -65.4090

Conversions

Conversions Part 2

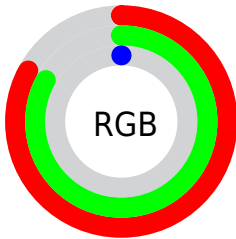
Format	Color
RYB	1, 212, 0
Decimal	13947648
CIELab	82.00, -18.26, 82.00
CIELCh	82, 84.007, 102.555
Yxy	60.2982, 0.4202, 0.5048
Android (android.graphics.Color)	4292137728 (0xFFD4D300)
YUV	187.2450, -92.3118, 21.7101
Hunter-Lab	77.6519, -20.5055, 47.5209

Details

The CIELCh color **82, 84.007, 102.555** 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, 116.023, 306.241**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.352, 104.125**, and **62, 67.489, 104.410** is the 20% darker color. If you saturate the color by 10%, you get **82, 83.879, 102.567**, and if you desaturate by 10%, it is **82, 81.696, 102.771**.

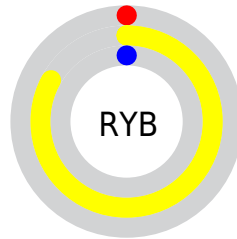
Distribution



Red (83%)

Green (83%)

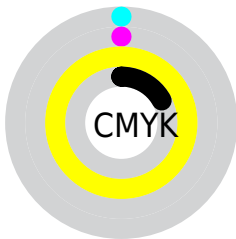
Blue (0%)



Red (0%)

Yellow (83%)

Blue (0%)

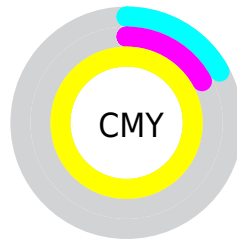


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (17%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 84.007, 102.555 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, 84.007, 102.555 by changing the saturation by 10% instead.


 82, 84.007,
102.555


 82, 84.007,
102.555


 100, 84.007,
102.555


 72, 84.007,
102.555

 62, 84.007,
102.555

 52, 84.007,
102.555

 42, 84.007,
102.555

 32, 84.007,
102.555

 22, 84.007,
102.555

 12, 84.007,

102.555

■ 2, 84.007, 102.555

■ 0, 84.007, 102.555

■ 82, 84.007,
102.555

■ 82, 84.007,
102.555

■ 82, 83.879,
102.567

■ 82, 81.696,
102.771

■ 82, 77.427,
103.144

■ 82, 70.976,
103.703

■ 82, 62.826,
104.415

■ 83, 53.497,

105.240

■ 83, 43.407,
106.142

■ 83, 32.851,
107.090

■ 84, 22.020,
108.059

■ 84, 11.040,
109.030

Harmonies

Complementary

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



82, 84.007, 102.555



26, 116.023, 306.241

Rectangle

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



82, 84.007, 102.555



82, 84.007, 152.555



82, 84.007, 282.555



82, 84.007, 332.555

Sweetspot

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



82, 83.879, 102.567



98, 38.221, 107.059



44, 90.103, 39.421



52, 25.988, 106.651



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, 83.879, 102.567



97, 96.576, 102.564



76, 94.367, 127.631



44, 6.206, 109.088



67, 70.754, 102.572



16, 23.380, 104.662

Inverse Universe

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



26, 116.023, 306.241



32, 133.638, 306.251



33, 108.872, 311.423



40, 6.343, 290.975



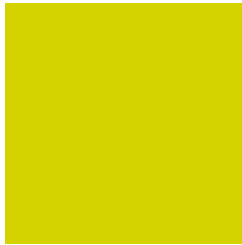
19, 97.809, 306.226



1, 25.474, 293.113

Previews

White Background



This preview shows how the CIELCh color 82, 84.007, 102.555 looks on a white background.

Color Contrast Check

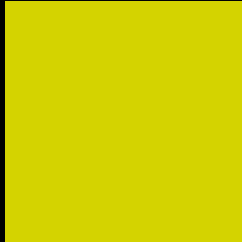
Large Text (above 18pt) WCAG AA × Fail

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, 84.007, 102.555 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, 84.007, 102.555

Background



This preview shows how black text looks on a background with the CIELCh color 82, 84.007, 102.555.



This preview shows how white text looks on a background with the CIELCh color 82, 84.007, 102.555.

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, 84.007, 102.555

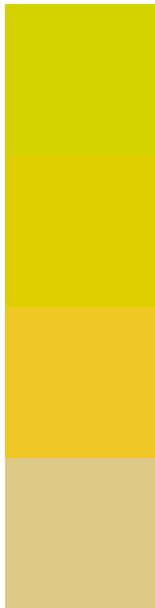
Protanopia
82, 82.771, 94.882

Deuteranopia
82, 72.610, 82.149



Tritanopia
82, 13.274, 343.782

Trichromacy



Original Color
82, 84.007, 102.555

Protanomaly
82, 82.860, 97.675

Deuteranomaly
82, 77.339, 90.452

Tritanomaly
81, 35.999, 94.401

Monochromacy



Original Color
82, 84.007, 102.555

Achromatopsia
76, 0.009, 296.813

Achromatomaly
78, 40.274, 106.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 84.007, 102.555 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(212, 211, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 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(212, 211, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 84.007, 102.555 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(212, 211, 0) }
```

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

```
.border{ border-color:rgb(212, 211, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 84.007, 102.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 0) }
```

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

```
.background{ background-color: rgb(212,  
211, 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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