

Converting Colors

CIELCh(76, 64.311, 107.326)

Have a look what the booklet for
CIELCh(76, 64.311, 107.326)
contains.

CIELCh(76, 64.441, 107.252)	3
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Color

CIELCh(76, 64.441, 107.252)

Conversions

Conversions Part 1

Format	Color
Hex	BBC341
RGB	187, 195, 65
RGB Percent	73%, 76%, 25%
CMY	0.2673, 0.2359, 0.7457
CMYK	0.04, 0.00, 0.67, 0.24
HSL	64°, 52%, 51%
HSV	64°, 67%, 76%
XYZ	40.8858, 49.8872, 12.4522
YIQ	177.7880, 36.9620, -42.1260

Conversions

Conversions Part 2

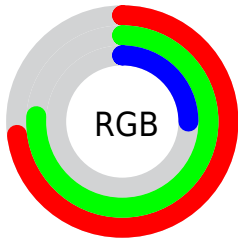
Format	Color
RYB	65, 195, 73
Decimal	12305217
CIELab	76.00, -19.11, 61.54
CIElCh	76, 64.441, 107.252
Yxy	49.8872, 0.3961, 0.4833
Android (android.graphics.Color)	4290495297 (0xFFBBC341)
YUV	177.7880, -55.6045, 8.0789
Hunter-Lab	70.6309, -20.2765, 38.9889

Details

The CIELCh color **76, 64.441, 107.252** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **36, 78.930, 302.072**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 64.113, 107.031**, and **56, 62.988, 107.927** is the 20% darker color. If you saturate the color by 10%, you get **76, 71.160, 106.805**, and if you desaturate by 10%, it is **76, 56.328, 107.876**.

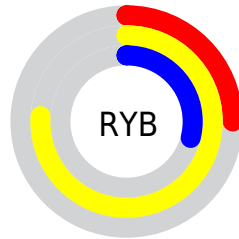
Distribution



Red (73%)

Green (76%)

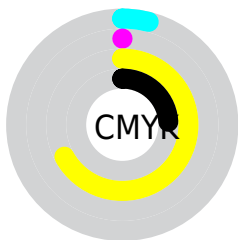
Blue (25%)



Red (25%)

Yellow (76%)

Blue (29%)

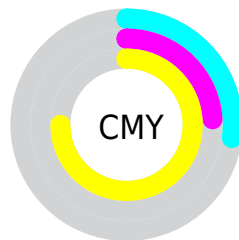


Cyan (4%)

Magenta (0%)

Yellow (67%)

Black (24%)



Cyan (27%)


Magenta (24%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 64.441, 107.252 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 76, 64.441, 107.252 by changing the saturation by 10% instead.


 76, 64.441,
107.252


 76, 64.441,
107.252


 100, 64.441,
107.252


 66, 64.441,
107.252


 96, 64.441,
107.252

 56, 64.441,
107.252

 46, 64.441,
107.252

 36, 64.441,
107.252

 26, 64.441,
107.252

 16, 64.441,
107.252

 6, 64.441, 107.252

0, 64.441, 107.252

76, 64.441,
107.252

76, 64.441,
107.252

76, 71.160,
106.805

76, 56.328,
107.876

76, 76.003,
106.584

77, 47.271,
108.617

75, 78.715,
106.622

77, 37.611,
109.432

75, 79.380,
106.661

77, 27.583,
110.287

78, 17.339,
111.157

78, 6.980, 112.023

■ 79, 3.428, 292.892

■ 80, 13.842,
293.710

■ 80, 24.232,
294.503

Harmonies

Complementary

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



76, 64.441, 107.252



36, 78.930, 302.072

Rectangle

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



76, 64.441, 107.252



76, 64.441, 157.252



76, 64.441, 287.252



76, 64.441, 337.252

Sweetspot

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



76, 64.442, 107.254



98, 25.563, 110.844



48, 57.608, 31.770



52, 17.560, 110.595



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 64.442, 107.254



95, 89.443, 106.674



72, 71.167, 128.020



41, 5.864, 111.795



63, 68.793, 106.608



12, 18.678, 110.485

Inverse Universe

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



36, 78.930, 302.072



39, 116.472, 304.608



43, 77.531, 313.753



37, 5.993, 293.464



18, 94.391, 306.503



1, 19.501, 292.803

Previews

White Background



This preview shows how the CIELCh color 76, 64.441, 107.252 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 CIE LCh color 76, 64.441, 107.252 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 76, 64.441, 107.252

Background



This preview shows how black text looks on a background with the CIELCh color 76, 64.441, 107.252.



This preview shows how white text looks on a background with the CIELCh color 76, 64.441, 107.252.

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


76, 64.441, 107.252

Protanopia

76, 63.177, 95.752

Deuteranopia

76, 60.942, 80.974



Tritanopia
76, 9.841, 330.207

Trichromacy



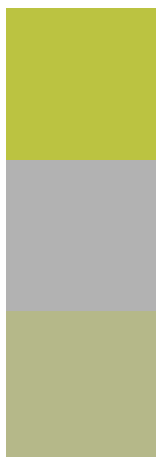
Original Color
76, 64.441, 107.252

Protanomaly
76, 62.995, 99.804

Deuteranomaly
76, 60.307, 90.893

Tritanomaly
76, 21.094, 99.428

Monochromacy



Original Color
76, 64.441, 107.252

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 25.190, 110.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 64.441, 107.252 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(187, 195, 65)` looks like.

```
.text, #text, p{  
    color:rgb(187, 195, 65)  
}
```

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(187, 195, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 195, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 64.441, 107.252 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(187, 195, 65) }
```

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

```
.border{ border-color:rgb(187, 195, 65) }
```

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

Here you see how a box with a 4 pixel rgb(187, 195, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 195, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 195, 65);  
box-shadow:4px 4px 4px 4px rgb(187, 195,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 64.441, 107.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 195, 65) }
```

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

```
.background{ background-color: rgb(187,  
195, 65) }
```

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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