

Converting Colors

CIELCh(76, 52.067, 108.089)

Have a look what the booklet for
CIELCh(76, 52.067, 108.089)
contains.

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Color

CIELCh(76, 52.016, 108.106)

Conversions

Conversions Part 1

Format	Color
Hex	BCC25D
RGB	188, 194, 93
RGB Percent	74%, 76%, 36%
CMY	0.2640, 0.2404, 0.6364
CMYK	0.03, 0.00, 0.52, 0.24
HSL	64°, 45%, 56%
HSV	64°, 52%, 76%
XYZ	41.8508, 49.8872, 17.7135
YIQ	180.6920, 28.8450, -32.6830

Conversions

Conversions Part 2

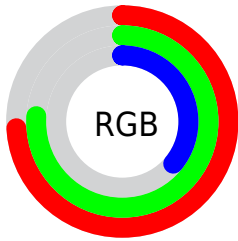
Format	Color
RYB	93, 194, 99
Decimal	12370525
CIELab	76.00, -16.17, 49.44
CIELCh	76, 52.016, 108.106
Yxy	49.8872, 0.3824, 0.4558
Android (android.graphics.Color)	4290560605 (0xFFBCC25D)
YUV	180.6920, -43.2322, 6.4091
Hunter-Lab	70.6309, -17.8379, 34.5723

Details

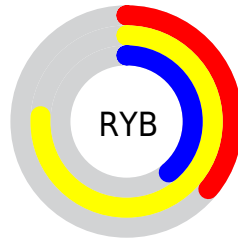
The CIELCh color **76, 52.016, 108.106** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **45, 60.073, 299.305**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 51.811, 107.919**, and **56, 52.263, 108.546** is the 20% darker color. If you saturate the color by 10%, you get **76, 60.573, 107.422**, and if you desaturate by 10%, it is **76, 42.693, 108.891**.

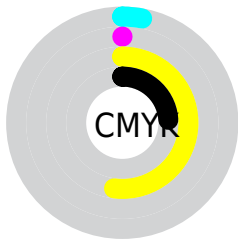
Distribution



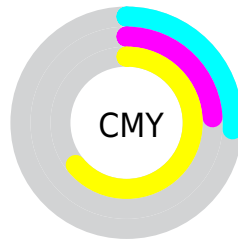
- Red (74%)
- Green (76%)
- Blue (36%)



- Red (36%)
- Yellow (76%)
- Blue (39%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (24%)





- Cyan (26%)
- Magenta (24%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 52.016, 108.106 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, 52.016, 108.106 by changing the saturation by 10% instead.


 76, 52.016,
108.106


 76, 52.016,
108.106


 100, 52.016,
108.106


 66, 52.016,
108.106


 96, 52.016,
108.106


 56, 52.016,
108.106

 46, 52.016,
108.106

 36, 52.016,
108.106

 26, 52.016,
108.106

 16, 52.016,
108.106

 6, 52.016, 108.106

■ 0, 52.016, 108.106

■ 76, 52.016,
108.106

■ 76, 52.016,
108.106

■ 76, 60.573,
107.422

■ 76, 42.693,
108.891

■ 76, 67.958,
106.882

■ 77, 32.888,
109.731

■ 75, 73.691,
106.544

■ 77, 22.795,
110.598

■ 75, 77.359,
106.455

■ 78, 12.539,
111.472

■ 75, 79.016,
106.534

■ 78, 2.202, 112.322

■ 79, 8.163, 293.189

■ 79, 18.519,

294.002

■ 80, 28.838,
294.782

■ 81, 32.734,
295.470

Harmonies

Complementary

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



76, 52.016, 108.106



45, 60.073, 299.305

Rectangle

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



76, 52.016, 108.106



76, 52.016, 158.106



76, 52.016, 288.106



76, 52.016, 338.106

Sweetspot

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



76, 52.017, 108.108



98, 20.479, 111.112



53, 43.107, 28.646



53, 13.929, 110.929



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, 52.017, 108.108



96, 75.739, 107.308



73, 57.020, 128.423



41, 5.863, 111.711



63, 68.781, 106.484



12, 18.675, 110.360

Inverse Universe

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



45, 60.073, 299.305



49, 91.714, 301.516



49, 60.959, 313.231



37, 5.992, 293.387



18, 94.402, 306.495



1, 19.500, 292.747

Previews

White Background



This preview shows how the CIELCh color 76, 52.016, 108.106 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 76, 52.016, 108.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

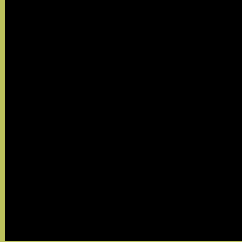
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 52.016, 108.106

Background



This preview shows how black text looks on a background with the CIELCh color 76, 52.016, 108.106.



This preview shows how white text looks on a background with the CIELCh color 76, 52.016, 108.106.

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, 52.016, 108.106

Protanopia

76, 50.663, 95.509

Deuteranopia

76, 49.091, 78.321



Tritanopia
76, 10.257, 328.282

Trichromacy



Original Color
76, 52.016, 108.106

Protanomaly
76, 50.481, 99.974

Deuteranomaly
76, 48.702, 89.570

Tritanomaly
76, 14.898, 95.026

Monochromacy



Original Color
76, 52.016, 108.106

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 19.856, 110.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 52.016, 108.106 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(188, 194, 93)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 93)  
}
```

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(188, 194, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 52.016, 108.106 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(188, 194, 93) }
```

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

```
.border{ border-color:rgb(188, 194, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 194, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 194, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 194, 93);  
box-shadow:4px 4px 4px 4px rgb(188, 194,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 52.016, 108.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 93) }
```

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

```
.background{ background-color: rgb(188,  
194, 93) }
```

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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