

Converting Colors

CIELCh(76, 79.258, 106.133)

Have a look what the booklet for
CIELCh(76, 79.258, 106.133)
contains.

CIELCh(76, 79.255, 106.062)	3
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Color

CIELCh(76, 79.255, 106.062)

Conversions

Conversions Part 1

Format	Color
Hex	BAC404
RGB	186, 196, 4
RGB Percent	73%, 77%, 2%
CMY	0.2709, 0.2316, 0.9850
CMYK	0.05, 0.00, 0.98, 0.23
HSL	63°, 96%, 39%
HSV	63°, 98%, 77%
XYZ	39.9774, 49.8872, 7.6312
YIQ	171.1220, 55.6720, -61.8320

Conversions

Conversions Part 2

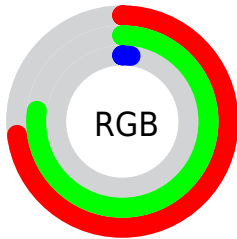
Format	Color
R_{YB}	4, 196, 14
Decimal	12239876
CIE _{Lab}	76.00, -21.93, 76.16
CIE _{LCh}	76, 79.255, 106.062
Yxy	49.8872, 0.4100, 0.5117
Android (android.graphics.Color)	4290429956 (0xFFBAC404)
YUV	171.1220, -82.3911, 13.0480
Hunter-Lab	70.6309, -22.5724, 43.0357

Details

The CIELCh color **76, 79.255, 106.062** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24, 108.530, 306.273**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 78.998, 105.903**, and **56, 63.469, 109.127** is the 20% darker color. If you saturate the color by 10%, you get **76, 79.647, 106.079**, and if you desaturate by 10%, it is **76, 76.767, 106.041**.

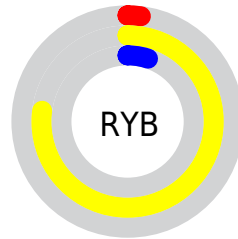
Distribution



Red (73%)

Green (77%)

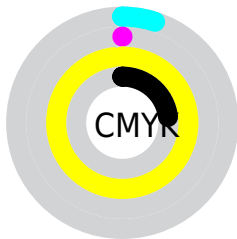
Blue (2%)



Red (2%)

Yellow (77%)

Blue (5%)

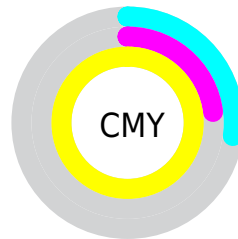


Cyan (5%)

Magenta (0%)

Yellow (98%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 79.255, 106.062 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, 79.255, 106.062 by changing the saturation by 10% instead.


 76, 79.255,
106.062


 76, 79.255,
106.062


 100, 79.255,
106.062


 66, 79.255,
106.062


 96, 79.255,
106.062

 56, 79.255,
106.062

 46, 79.255,
106.062

 36, 79.255,
106.062

 26, 79.255,
106.062

 16, 79.255,
106.062

 6, 79.255, 106.062

0, 79.255, 106.062

76, 79.255,
106.062

76, 79.255,
106.062

76, 79.647,
106.079

76, 76.767,
106.041

76, 72.200,
106.259

76, 65.689,
106.704

77, 57.706,
107.325

77, 48.719,
108.069

77, 39.085,
108.891

■ 78, 29.055,
109.756

■ 78, 18.791,
110.640

■ 79, 8.400, 111.522

Harmonies

Complementary

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



76, 79.255, 106.062



24, 108.530, 306.273

Rectangle

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



76, 79.255, 106.062



76, 79.255, 156.062



76, 79.255, 286.062



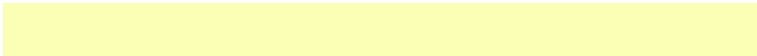
76, 79.255, 336.062

Sweetspot

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



76, 79.255, 106.064



98, 37.167, 109.633



41, 83.965, 39.965



52, 25.417, 109.256



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, 79.255, 106.064



96, 97.122, 106.129



71, 90.284, 129.484



41, 5.862, 111.407



63, 68.741, 106.032



12, 18.663, 109.907

Inverse Universe

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



24, 108.530, 306.273



32, 133.585, 306.392



33, 100.490, 313.159



37, 5.991, 293.105



18, 94.442, 306.469



1, 19.496, 292.545

Previews

White Background



This preview shows how the CIELCh color 76, 79.255, 106.062 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, 79.255, 106.062 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, 79.255, 106.062

Background



This preview shows how black text looks on a background with the CIELCh color 76, 79.255, 106.062.



This preview shows how white text looks on a background with the CIELCh color 76, 79.255, 106.062.

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, 79.255, 106.062

Protanopia

76, 77.800, 95.240

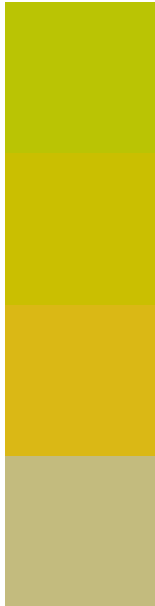
Deuteranopia

76, 74.415, 82.324



Tritanopia
76, 10.080, 331.853

Trichromacy



Original Color
76, 79.255, 106.062

Protanomaly
76, 78.026, 99.261

Deuteranomaly
76, 74.962, 91.322

Tritanomaly
75, 32.567, 101.210

Monochromacy



Original Color
76, 79.255, 106.062

Achromatopsia
70, 0.009, 296.813

Achromatomaly
72, 37.264, 109.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 79.255, 106.062 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(186, 196, 4)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 4)  
}
```

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(186, 196, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 79.255, 106.062 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(186, 196, 4) }
```

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

```
.border{ border-color:rgb(186, 196, 4) }
```

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

Here you see how a box with a 4 pixel rgb(186, 196, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 4);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 79.255, 106.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 4) }
```

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

```
.background{ background-color: rgb(186,  
196, 4) }
```

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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