

Converting Colors

CIELCh(77, 79.995, 105.093)

Have a look what the booklet for
CIELCh(77, 79.995, 105.093)
contains.

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Color

CIELCh(77, 79.987, 105.071)

Conversions

Conversions Part 1

Format	Color
Hex	BFC602
RGB	191, 198, 2
RGB Percent	75%, 78%, 1%
CMY	0.2505, 0.2231, 0.9908
CMYK	0.04, 0.00, 0.99, 0.22
HSL	62°, 98%, 39%
HSV	62°, 99%, 78%
XYZ	41.7445, 51.5317, 7.8129
YIQ	173.5630, 58.7440, -62.4400

Conversions

Conversions Part 2

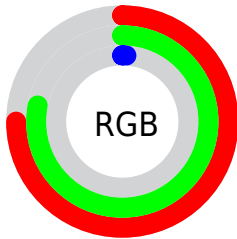
Format	Color
R _Y B	2, 198, 9
Decimal	12568066
CIE Lab	77.00, -20.80, 77.24
CIE LCh	77, 79.987, 105.071
Yxy	51.5317, 0.4129, 0.5098
Android (android.graphics.Color)	4290758146 (0xFFBFC602)
YUV	173.5630, -84.5806, 15.2922
Hunter-Lab	71.7856, -21.8242, 43.7970

Details

The CIELCh color **77, 79.987, 105.071** 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, 109.900, 306.286**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.707, 104.975**, and **57, 63.579, 107.452** is the 20% darker color. If you saturate the color by 10%, you get **77, 80.221, 105.073**, and if you desaturate by 10%, it is **77, 77.620, 105.109**.

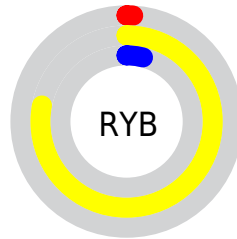
Distribution



Red (75%)

Green (78%)

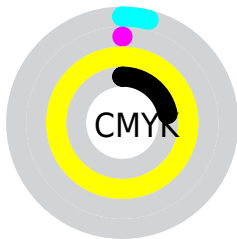
Blue (1%)



Red (1%)

Yellow (78%)

Blue (4%)

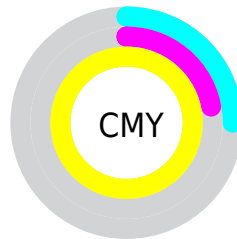


Cyan (4%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (25%)


Magenta (22%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 79.987, 105.071 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 77, 79.987, 105.071 by changing the saturation by 10% instead.


 77, 79.987,
105.071


 77, 79.987,
105.071


 100, 79.987,
105.071


 67, 79.987,
105.071


 97, 79.987,
105.071

 57, 79.987,
105.071

 47, 79.987,
105.071

 37, 79.987,
105.071

 27, 79.987,
105.071

 17, 79.987,
105.071

 7, 79.987, 105.071

■ 0, 79.987, 105.071

■ 77, 79.987,
105.071

■ 77, 79.987,
105.071

■ 77, 80.221,
105.073

■ 77, 77.620,
105.109

■ 77, 73.206,
105.364

■ 77, 66.793,
105.836

■ 78, 58.850,
106.478

■ 78, 49.854,
107.242

■ 78, 40.181,
108.085

■ 79, 30.089,
108.973

■ 79, 19.752,
109.881

■ 79, 9.280, 110.788

Harmonies

Complementary

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



77, 79.987, 105.071



24, 109.900, 306.286

Rectangle

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



77, 79.987, 105.071



77, 79.987, 155.071



77, 79.987, 285.071



77, 79.987, 335.071

Sweetspot

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



77, 79.986, 105.073



98, 38.401, 108.826



42, 85.345, 39.992



52, 26.108, 108.444



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 79.986, 105.073



96, 97.017, 105.106



71, 90.839, 129.068



42, 5.986, 110.737



65, 69.472, 105.042



13, 20.308, 108.123

Inverse Universe

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



24, 109.900, 306.286



32, 133.661, 306.357



32, 102.003, 312.693



38, 6.118, 292.492



19, 95.636, 306.410



1, 21.524, 292.690

Previews

White Background



This preview shows how the CIELCh color 77, 79.987, 105.071 looks on a white background.

Color Contrast Check

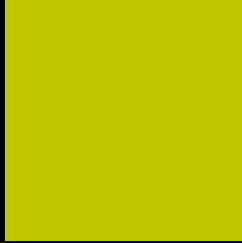
Large Text (above 18pt) WCAG AA × Fail

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 77, 79.987, 105.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

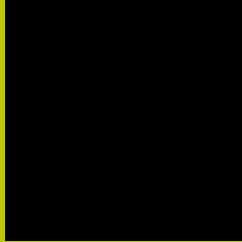
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 79.987, 105.071

Background



This preview shows how black text looks on a background with the CIELCh color 77, 79.987, 105.071.



This preview shows how white text looks on a background with the CIELCh color 77, 79.987, 105.071.

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
77, 79.987, 105.071

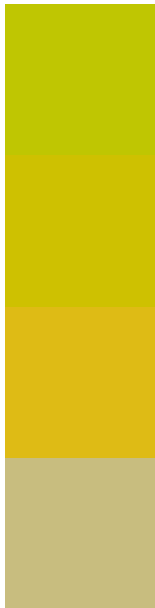
Protanopia
77, 78.468, 94.989

Deuteranopia
77, 75.522, 82.329



Tritanopia
77, 11.197, 334.374

Trichromacy



Original Color
77, 79.987, 105.071

Protanomaly
77, 78.698, 98.648

Deuteranomaly
77, 76.010, 91.167

Tritanomaly
76, 33.183, 99.133

Monochromacy



Original Color
77, 79.987, 105.071

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 37.663, 108.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 79.987, 105.071 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(191, 198, 2)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 2)  
}
```

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(191, 198, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 79.987, 105.071 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(191, 198, 2) }
```

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

```
.border{ border-color:rgb(191, 198, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 2);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 79.987, 105.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 2) }
```

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

```
.background{ background-color: rgb(191,  
198, 2) }
```

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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