

Converting Colors

CIELCh(74, 78.235, 106.225)

Have a look what the booklet for
CIELCh(74, 78.235, 106.225)
contains.

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Color

CIELCh(74, 77.843, 106.104)

Conversions

Conversions Part 1

Format	Color
Hex	B4BE01
RGB	180, 190, 1
RGB Percent	71%, 75%, 0%
CMY	0.2928, 0.2537, 0.9965
CMYK	0.05, 0.00, 1.00, 0.25
HSL	63°, 99%, 37%
HSV	63°, 100%, 75%
XYZ	37.3833, 46.7039, 7.0693
YIQ	165.4640, 54.7090, -60.8990

Conversions

Conversions Part 2

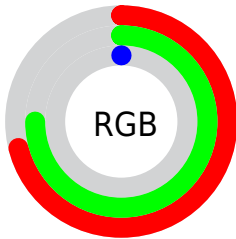
Format	Color
R_{YB}	1, 190, 11
Decimal	11845121
CIE Lab	74.00, -21.59, 74.79
CIE LCh	74, 77.843, 106.104
Yxy	46.7039, 0.4101, 0.5123
Android (android.graphics.Color)	4290035201 (0xFFB4BE01)
YUV	165.4640, -81.0808, 12.7481
Hunter-Lab	68.3403, -21.9531, 41.7051

Details

The CIELCh color **74, 77.843, 106.104** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **23, 106.890, 306.396**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **94, 77.870, 106.221**, and **54, 61.557, 109.370** is the 20% darker color. If you saturate the color by 10%, you get **74, 77.938, 106.109**, and if you desaturate by 10%, it is **74, 75.546, 106.065**.

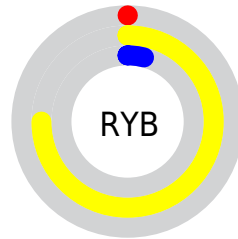
Distribution



Red (71%)

Green (75%)

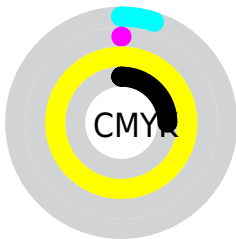
Blue (0%)



Red (0%)

Yellow (75%)

Blue (4%)

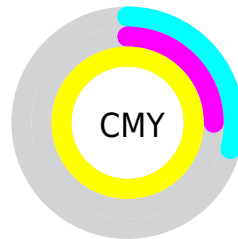


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (29%)


Magenta (25%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 77.843, 106.104 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 74, 77.843, 106.104 by changing the saturation by 10% instead.

 74, 77.843,
106.104

 74, 77.843,
106.104

 100, 77.843,
106.104

 64, 77.843,
106.104


 94, 77.843,
106.104

 54, 77.843,
106.104

 44, 77.843,
106.104

 34, 77.843,
106.104

 24, 77.843,
106.104

 14, 77.843,
106.104

 4, 77.843, 106.104

■ 0, 77.843, 106.104

■ 74, 77.843,
106.104

■ 74, 77.843,
106.104

■ 74, 77.938,
106.109

■ 74, 75.546,
106.065

■ 74, 71.361,
106.248

■ 74, 65.231,
106.663

■ 75, 57.601,
107.261

■ 75, 48.935,
107.988

■ 75, 39.598,
108.799

■ 76, 29.846,
109.658

■ 76, 19.848,
110.538

■ 77, 9.713, 111.418

Harmonies

Complementary

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



74, 77.843, 106.104



23, 106.890, 306.396

Rectangle

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



74, 77.843, 106.104



74, 77.843, 156.104



74, 77.843, 286.104



74, 77.843, 336.104

Sweetspot

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



74, 77.843, 106.106



96, 37.485, 109.575



40, 82.960, 40.369



51, 25.694, 109.205



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



74, 77.843, 106.106



94, 94.911, 106.161



69, 88.806, 129.593



40, 5.734, 111.434



62, 67.940, 106.065



11, 16.955, 110.963

Inverse Universe

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



23, 106.890, 306.396



31, 130.527, 306.397



31, 98.894, 313.096



36, 5.860, 293.125



18, 93.329, 306.475



1, 17.452, 292.108

Previews

White Background



This preview shows how the CIELCh color 74, 77.843, 106.104 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 74, 77.843, 106.104 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 74, 77.843, 106.104

Background



This preview shows how black text looks on a background with the CIELCh color 74, 77.843, 106.104.



This preview shows how white text looks on a background with the CIELCh color 74, 77.843, 106.104.

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


74, 77.737, 106.118

Protanopia

74, 75.993, 95.009

Deuteranopia

74, 72.727, 82.464



Tritanopia
74, 9.889, 330.220

Trichromacy



Original Color
74, 77.737, 106.118

Protanomaly
74, 76.306, 99.148

Deuteranomaly
74, 73.513, 91.725

Tritanomaly
73, 32.151, 101.823

Monochromacy



Original Color
74, 77.737, 106.118

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 36.907, 109.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 77.843, 106.104 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(180, 190, 1)` looks like.

```
.text, #text, p{  
    color:rgb(180, 190, 1)  
}
```

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(180, 190, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 190, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 77.843, 106.104 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(180, 190, 1) }
```

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

```
.border{ border-color:rgb(180, 190, 1) }
```

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

Here you see how a box with a 4 pixel rgb(180, 190, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 190, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 190, 1);  
box-shadow:4px 4px 4px 4px rgb(180, 190,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 77.843, 106.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 190, 1) }
```

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

```
.background{ background-color: rgb(180,  
190, 1) }
```

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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