

Converting Colors

CIELCh(77, 79.644, 104.314)

Have a look what the booklet for
CIELCh(77, 79.644, 104.314)
contains.

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Color

CIELCh(77, 79.751, 104.465)

Conversions

Conversions Part 1

Format	Color
Hex	C1C603
RGB	193, 198, 3
RGB Percent	76%, 78%, 1%
CMY	0.2446, 0.2248, 0.9882
CMYK	0.03, 0.00, 0.98, 0.22
HSL	62°, 97%, 39%
HSV	62°, 98%, 78%
XYZ	42.0341, 51.5317, 7.8166
YIQ	174.2750, 59.6150, -61.7050

Conversions

Conversions Part 2

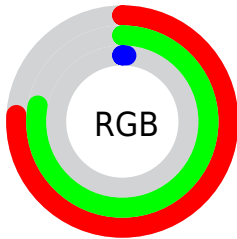
Format	Color
R _Y B	3, 198, 8
Decimal	12699139
CIE Lab	77.00, -19.92, 77.22
CIE LCh	77, 79.751, 104.465
Yxy	51.5317, 0.4146, 0.5083
Android (android.graphics.Color)	4290889219 (0xFFC1C603)
YUV	174.2750, -84.4386, 16.4218
Hunter-Lab	71.7856, -21.1040, 43.7940

Details

The CIELCh color **77, 79.751, 104.465** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **24, 109.600, 306.231**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 79.699, 104.380**, and **57, 63.497, 106.626** is the 20% darker color. If you saturate the color by 10%, you get **77, 80.051, 104.460**, and if you desaturate by 10%, it is **77, 77.347, 104.554**.

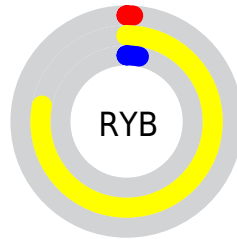
Distribution



Red (76%)

Green (78%)

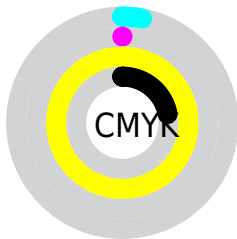
Blue (1%)



Red (1%)

Yellow (78%)

Blue (3%)

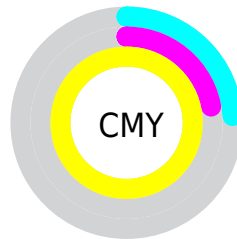


Cyan (3%)

Magenta (0%)

Yellow (98%)

Black (22%)



Cyan (24%)

Magenta (22%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 79.751, 104.465 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, 79.751, 104.465 by changing the saturation by 10% instead.

 77, 79.751,
104.465

 77, 79.751,
104.465

 100, 79.751,
104.465

 67, 79.751,
104.465

 97, 79.751,
104.465

 57, 79.751,
104.465

 47, 79.751,
104.465

 37, 79.751,
104.465

 27, 79.751,
104.465

 17, 79.751,
104.465

 7, 79.751, 104.465

■ 0, 79.751, 104.465

■ 77, 79.751,
104.465

■ 77, 79.751,
104.465

■ 77, 80.051,
104.460

■ 77, 77.347,
104.554

■ 77, 72.872,
104.851

■ 77, 66.415,
105.355

■ 78, 58.446,
106.023

■ 78, 49.440,
106.807

■ 78, 39.768,
107.667

■ 78, 29.686,
108.571

■ 79, 19.363,
109.494

■ 79, 8.909, 110.415

Harmonies

Complementary

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



77, 79.751, 104.465



24, 109.600, 306.231

Rectangle

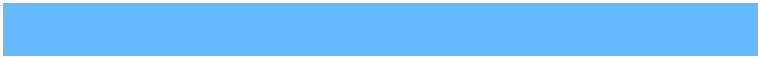
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 79.751, 104.465



77, 79.751, 154.465



77, 79.751, 284.465



77, 79.751, 334.465

Sweetspot

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



77, 79.750, 104.467



98, 38.393, 108.390



41, 85.230, 39.739



52, 26.103, 108.002



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, 79.750, 104.467



97, 96.970, 104.484



71, 90.098, 128.511



42, 5.984, 110.333



65, 69.440, 104.438



13, 20.299, 107.530

Inverse Universe

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



24, 109.600, 306.231



32, 133.704, 306.338



32, 102.048, 312.311



38, 6.117, 292.119



19, 95.689, 306.376



1, 21.520, 292.429

Previews

White Background



This preview shows how the CIELCh color 77, 79.751, 104.465 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, 79.751, 104.465 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, 79.751, 104.465

Background



This preview shows how black text looks on a background with the CIELCh color 77, 79.751, 104.465.



This preview shows how white text looks on a background with the CIELCh color 77, 79.751, 104.465.

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, 79.850, 104.454

Protanopia

77, 78.468, 94.989

Deuteranopia

77, 75.522, 82.329



Tritanopia
77, 11.092, 337.724

Trichromacy



Original Color
77, 79.850, 104.454

Protanomaly
77, 78.698, 98.648

Deuteranomaly
77, 75.915, 90.448

Tritanomaly
76, 33.247, 98.420

Monochromacy



Original Color
77, 79.850, 104.454

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 37.651, 107.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 79.751, 104.465 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(193, 198, 3)` looks like.

```
.text, #text, p{  
    color:rgb(193, 198, 3)  
}
```

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(193, 198, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 198, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 79.751, 104.465 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(193, 198, 3) }
```

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

```
.border{ border-color:rgb(193, 198, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 198, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 198, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 198, 3);  
box-shadow:4px 4px 4px 4px rgb(193, 198,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 79.751, 104.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 198, 3) }
```

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

```
.background{ background-color: rgb(193,  
198, 3) }
```

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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