

Converting Colors

CIELCh(77, 79.381, 103.760)

Have a look what the booklet for
CIELCh(77, 79.381, 103.760)
contains.

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Color

CIELCh(77, 79.319, 103.849)

Conversions

Conversions Part 1

Format	Color
Hex	C2C506
RGB	194, 197, 6
RGB Percent	76%, 77%, 2%
CMY	0.2384, 0.2267, 0.9779
CMYK	0.02, 0.00, 0.97, 0.23
HSL	61°, 94%, 40%
HSV	61°, 97%, 77%
XYZ	42.3443, 51.5317, 7.8759
YIQ	174.3290, 59.5230, -60.0370

Conversions

Conversions Part 2

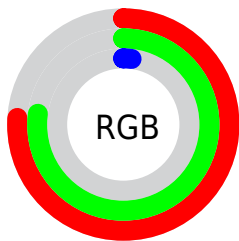
Format	Color
R _Y B	6, 197, 9
Decimal	12764422
CIE Lab	77.00, -18.99, 77.01
CIE LCh	77, 79.319, 103.849
Yxy	51.5317, 0.4162, 0.5064
Android (android.graphics.Color)	4290954502 (0xFFC2C506)
YUV	174.3290, -82.9862, 17.2515
Hunter-Lab	71.7856, -20.3326, 43.7450

Details

The CIELCh color **77, 79.319, 103.849** 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, 108.804, 306.093**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 78.975, 103.817**, and **57, 63.462, 106.210** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.882, 103.824**, and if you desaturate by 10%, it is **77, 76.714, 104.005**.

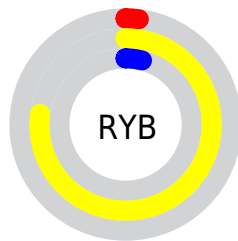
Distribution



Red (76%)

Green (77%)

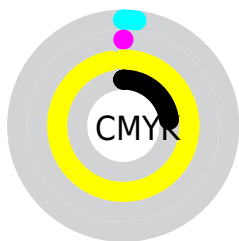
Blue (2%)



Red (2%)

Yellow (77%)

Blue (4%)

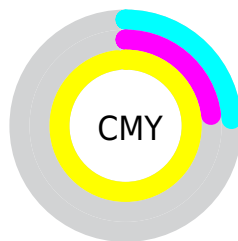


Cyan (2%)

Magenta (0%)

Yellow (97%)

Black (23%)



Cyan (24%)


Magenta (23%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 79.319, 103.849 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, 79.319, 103.849 by changing the saturation by 10% instead.


 77, 79.319,
103.849

 77, 79.319,
103.849


 100, 79.319,
103.849

 67, 79.319,
103.849

 97, 79.319,
103.849


 57, 79.319,
103.849

 47, 79.319,
103.849

 37, 79.319,
103.849

 27, 79.319,
103.849

 17, 79.319,
103.849

 7, 79.319, 103.849

■ 0, 79.319, 103.849

■ 77, 79.319,
103.849

■ 77, 79.319,
103.849

■ 77, 79.882,
103.824

■ 77, 76.714,
104.005

■ 77, 71.964,
104.367

■ 77, 65.290,
104.922

■ 77, 57.173,
105.628

■ 78, 48.077,
106.442

■ 78, 38.357,
107.325

■ 78, 28.255,
108.248

■ 79, 17.930,
109.187

■ 79, 7.487, 110.122

Harmonies

Complementary

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



77, 79.319, 103.849



24, 108.804, 306.093

Rectangle

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



77, 79.319, 103.849



77, 79.319, 153.849



77, 79.319, 283.849



77, 79.319, 333.849

Sweetspot

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



77, 79.318, 103.851



98, 37.134, 108.034



41, 84.555, 39.220



52, 25.395, 107.633



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, 79.318, 103.851



97, 96.936, 103.839



71, 89.010, 127.828



42, 5.983, 109.914



65, 69.417, 103.811



13, 20.293, 106.916

Inverse Universe

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



24, 108.804, 306.093



32, 133.748, 306.318



32, 101.647, 311.996



38, 6.115, 291.733



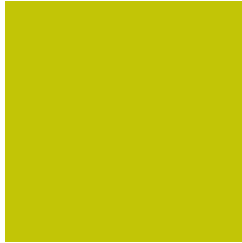
19, 95.744, 306.341



1, 21.515, 292.159

Previews

White Background



This preview shows how the CIELCh color 77, 79.319, 103.849 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, 79.319, 103.849 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, 79.319, 103.849

Background



This preview shows how black text looks on a background with the CIELCh color 77, 79.319, 103.849.



This preview shows how white text looks on a background with the CIELCh color 77, 79.319, 103.849.

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, 79.220, 103.859

Protanopia

77, 78.468, 94.989

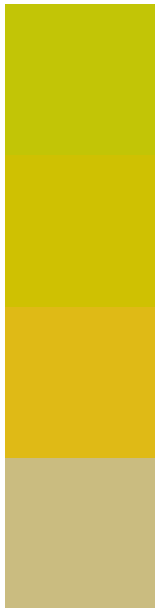
Deuteranopia

77, 75.522, 82.329



Tritanopia
77, 12.002, 338.314

Trichromacy



Original Color
77, 79.220, 103.859

Protanomaly
77, 78.633, 98.327

Deuteranomaly
77, 75.746, 90.436

Tritanomaly
76, 32.400, 96.790

Monochromacy



Original Color
77, 79.220, 103.859

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 36.654, 107.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 79.319, 103.849 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(194, 197, 6)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 6)  
}
```

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(194, 197, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 79.319, 103.849 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(194, 197, 6) }
```

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

```
.border{ border-color:rgb(194, 197, 6) }
```

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

Here you see how a box with a 4 pixel rgb(194, 197, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 6);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
6) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 79.319, 103.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 6) }
```

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

```
.background{ background-color: rgb(194,  
197, 6) }
```

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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