

Converting Colors

CIELCh(78, 75.830, 103.932)

Have a look what the booklet for
CIELCh(78, 75.830, 103.932)
contains.

CIELCh(78, 76.058, 103.910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 76.058, 103.910)

Conversions

Conversions Part 1

Format	Color
Hex	C6C820
RGB	198, 200, 32
RGB Percent	78%, 78%, 13%
CMY	0.2250, 0.2170, 0.8726
CMYK	0.01, 0.00, 0.84, 0.22
HSL	61°, 72%, 46%
HSV	61°, 84%, 78%
XYZ	44.0337, 53.2120, 9.3516
YIQ	180.2500, 52.7360, -52.6720

Conversions

Conversions Part 2

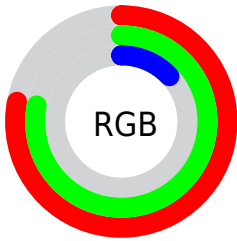
Format	Color
R _Y B	32, 200, 34
Decimal	13027360
CIE Lab	78.00, -18.28, 73.83
CIE LCh	78, 76.058, 103.910
Yxy	53.2120, 0.4131, 0.4992
Android (android.graphics.Color)	4291217440 (0xFFC6C820)
YUV	180.2500, -73.0872, 15.5668
Hunter-Lab	72.9466, -19.9062, 43.4617

Details

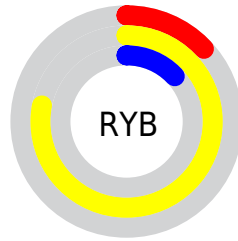
The CIELCh color **78, 76.058, 103.910** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **28, 100.600, 304.574**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 75.617, 104.403**, and **58, 64.041, 105.345** is the 20% darker color. If you saturate the color by 10%, you get **78, 79.381, 103.677**, and if you desaturate by 10%, it is **78, 70.561, 104.354**.

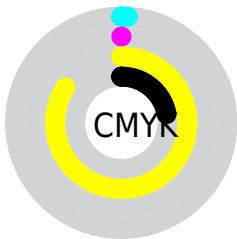
Distribution



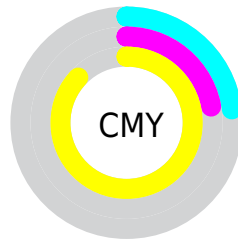
- Red (78%)
- Green (78%)
- Blue (13%)



- Red (13%)
- Yellow (78%)
- Blue (13%)



- Cyan (1%)
- Magenta (0%)
- Yellow (84%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 76.058, 103.910 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 78, 76.058, 103.910 by changing the saturation by 10% instead.


 78, 76.058,
103.910


 78, 76.058,
103.910


 100, 76.058,
103.910


 68, 76.058,
103.910


 98, 76.058,
103.910

 58, 76.058,
103.910

 48, 76.058,
103.910

 38, 76.058,
103.910

 28, 76.058,
103.910

 18, 76.058,
103.910

 8, 76.058, 103.910

■ 0, 76.058, 103.910

■ 78, 76.058,
103.910

■ 78, 76.058,
103.910

■ 78, 79.381,
103.677

■ 78, 70.561,
104.354

■ 78, 80.618,
103.609

■ 78, 63.273,
104.973

■ 78, 54.694,
105.727

■ 79, 45.259,
106.574

■ 79, 35.287,
107.480

■ 79, 24.991,
108.417

■ 80, 14.512,
109.364

■ 80, 3.939, 110.295

■ 81, 6.670, 291.243

Harmonies

Complementary

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



78, 76.058, 103.910



28, 100.600, 304.574

Rectangle

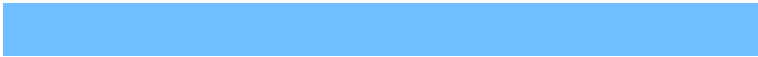
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 76.058, 103.910



78, 76.058, 153.910



78, 76.058, 283.910



78, 76.058, 333.910

Sweetspot

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



78, 76.058, 103.912



99, 32.092, 108.263



43, 76.435, 35.193



52, 21.847, 107.927



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 76.058, 103.912



97, 96.927, 103.620



73, 84.032, 126.661



42, 5.983, 109.772



65, 69.411, 103.598



13, 20.292, 106.708

Inverse Universe

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



28, 100.600, 304.574



32, 133.763, 306.311



36, 95.108, 312.541



38, 6.115, 291.602



19, 95.762, 306.329



1, 21.514, 292.067

Previews

White Background



This preview shows how the CIELCh color 78, 76.058, 103.910 looks on a white background.

Color Contrast Check

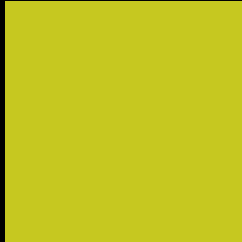
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 76.058, 103.910 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 78, 76.058, 103.910

Background



This preview shows how black text looks on a background with the CIELCh color 78, 76.058, 103.910.



This preview shows how white text looks on a background with the CIELCh color 78, 76.058, 103.910.

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

78, 76.280, 103.889

Protanopia

78, 75.021, 95.066

Deuteranopia

78, 73.414, 82.105



Tritanopia
78, 11.909, 341.463

Trichromacy



Original Color
78, 76.280, 103.889

Protanomaly
78, 74.934, 98.169

Deuteranomaly
78, 73.090, 90.024

Tritanomaly
77, 28.302, 95.045

Monochromacy



Original Color
78, 76.280, 103.889

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 32.395, 107.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 76.058, 103.910 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(198, 200, 32)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 32)  
}
```

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(198, 200, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 76.058, 103.910 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(198, 200, 32) }
```

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

```
.border{ border-color:rgb(198, 200, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 32);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 76.058, 103.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 32) }
```

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

```
.background{ background-color: rgb(198,  
200, 32) }
```

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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