

Converting Colors

CIELCh(78, 76.565, 96.805)

Have a look what the booklet for
CIELCh(78, 76.565, 96.805) contains.

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Color

CIELCh(78, 76.746, 96.803)

Conversions

Conversions Part 1

Format	Color
Hex	D6C317
RGB	214, 195, 23
RGB Percent	84%, 76%, 9%
CMY	0.1620, 0.2364, 0.9080
CMYK	0.00, 0.09, 0.89, 0.16
HSL	54°, 80%, 47%
HSV	54°, 89%, 84%
XYZ	47.2478, 53.2120, 8.6157
YIQ	181.0730, 66.5360, -49.4640

Conversions

Conversions Part 2

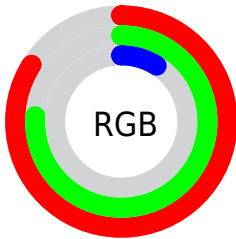
Format	Color
R _Y B	44, 214, 23
Decimal	14074647
CIE Lab	78.00, -9.09, 76.21
CIE LCh	78, 76.746, 96.803
Yxy	53.2120, 0.4332, 0.4878
Android (android.graphics.Color)	4292264727 (0xFFD6C317)
YUV	181.0730, -77.9300, 28.8770
Hunter-Lab	72.9466, -12.0412, 44.0598

Details

The CIELCh color **78, 76.746, 96.803** 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 **31, 103.049, 303.181**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 76.031, 103.056**, and **58, 62.986, 97.271** is the 20% darker color. If you saturate the color by 10%, you get **77, 78.843, 96.020**, and if you desaturate by 10%, it is **79, 72.341, 97.649**.

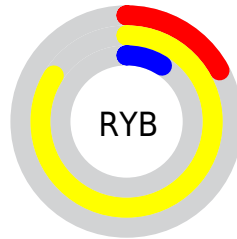
Distribution



Red (84%)

Green (76%)

Blue (9%)



Red (17%)

Yellow (84%)

Blue (9%)

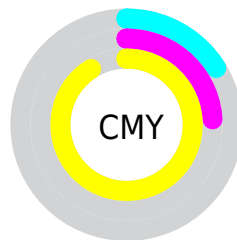


Cyan (0%)

Magenta (9%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 76.746, 96.803 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, 76.746, 96.803 by changing the saturation by 10% instead.

 78, 76.746, 96.803

 78, 76.746, 96.803

 100, 76.746,
96.803

 68, 76.746, 96.803

 98, 76.746, 96.803

 58, 76.746, 96.803

 48, 76.746, 96.803

 38, 76.746, 96.803

 28, 76.746, 96.803

 18, 76.746, 96.803

 8, 76.746, 96.803

 0, 76.746, 96.803

 78, 76.746, 96.803

 78, 76.746, 96.803

■ 77, 78.843, 96.020

■ 79, 72.341, 97.649

■ 77, 79.007, 95.945

■ 79, 65.814, 98.568

■ 80, 57.772, 99.555

■ 81, 48.763,
100.591

■ 82, 39.181,
101.658

■ 83, 29.283,
102.738

■ 84, 19.228,
103.814

■ 85, 9.113, 104.870

■ 86, 1.006, 286.031

Harmonies

Complementary

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



78, 76.746, 96.803



31, 103.049, 303.181

Rectangle

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



78, 76.746, 96.803



78, 76.746, 146.803



78, 76.746, 276.803



78, 76.746, 326.803

Sweetspot

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



78, 76.745, 96.805



97, 31.469, 102.926



46, 80.080, 31.565



51, 21.181, 102.553



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, 76.745, 96.805



91, 90.224, 95.868



78, 88.696, 123.344



45, 5.749, 104.828



63, 66.942, 96.059



15, 22.586, 98.707

Inverse Universe

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



31, 103.049, 303.181



34, 128.939, 305.259



34, 105.818, 310.179



42, 5.850, 286.872



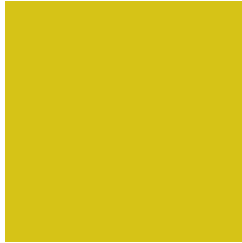
21, 94.194, 304.867



2, 25.671, 291.728

Previews

White Background



This preview shows how the CIELCh color 78, 76.746, 96.803 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 78, 76.746, 96.803 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, 76.746, 96.803

Background



This preview shows how black text looks on a background with the CIELCh color 78, 76.746, 96.803.



This preview shows how white text looks on a background with the CIELCh color 78, 76.746, 96.803.

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, 76.921, 96.801

Protanopia

78, 76.596, 95.083

Deuteranopia

78, 75.755, 82.523



Tritanopia
78, 18.102, 356.678

Trichromacy



Original Color
78, 76.921, 96.801

Protanomaly
78, 76.780, 95.780

Deuteranomaly
78, 75.506, 87.759

Tritanomaly
77, 31.995, 80.333

Monochromacy



Original Color
78, 76.921, 96.801

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 33.070, 101.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 76.746, 96.803 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(214, 195, 23)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 23)  
}
```

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(214, 195, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 76.746, 96.803 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(214, 195, 23) }
```

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

```
.border{ border-color:rgb(214, 195, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 23);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 76.746, 96.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 23) }
```

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

```
.background{ background-color: rgb(214,  
195, 23) }
```

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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