

Converting Colors

CIELCh(78, 7.983, 103.181)

Have a look what the booklet for
CIELCh(78, 7.983, 103.181) contains.

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Color

CIELCh(78, 8.071, 101.313)

Conversions

Conversions Part 1

Format	Color
Hex	C4C1B2
RGB	196, 193, 178
RGB Percent	77%, 76%, 70%
CMY	0.2306, 0.2423, 0.3012
CMYK	0.00, 0.02, 0.09, 0.23
HSL	50°, 13%, 73%
HSV	50°, 9%, 77%
XYZ	49.9858, 53.2120, 49.8587
YIQ	192.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

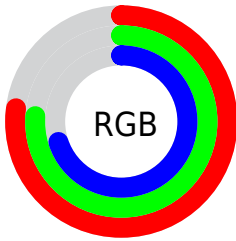
Format	Color
RYB	182, 196, 178
Decimal	12894642
CIELab	78.00, -1.58, 7.91
CIELCh	78, 8.071, 101.313
Yxy	53.2120, 0.3266, 0.3477
Android (android.graphics.Color)	4291084722 (0xFFC4C1B2)
YUV	192.1870, -6.9942, 3.3440
Hunter-Lab	72.9466, -5.3413, 10.5381

Details

The CIELCh color **78, 8.071, 101.313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 8.181, 283.422**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.748, 98.876**, and **58, 8.518, 103.694** is the 20% darker color. If you saturate the color by 10%, you get **77, 16.917, 100.209**, and if you desaturate by 10%, it is **79, 0.733, 282.621**.

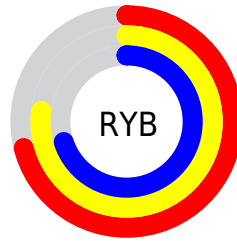
Distribution



Red (77%)

Green (76%)

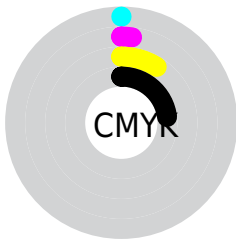
Blue (70%)



Red (71%)

Yellow (77%)

Blue (70%)

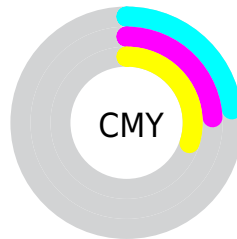


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (24%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.071, 101.313 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, 8.071, 101.313 by changing the saturation by 10% instead.

 78, 8.071, 101.313

 78, 8.071, 101.313

 100, 8.071,
101.313

 68, 8.071, 101.313

 98, 8.071, 101.313


 58, 8.071, 101.313

 48, 8.071, 101.313

 38, 8.071, 101.313

 28, 8.071, 101.313

 18, 8.071, 101.313

 8, 8.071, 101.313

 0, 8.071, 101.313

 78, 8.071, 101.313

 78, 8.071, 101.313

77, 16.917,
100.209

79, 0.733, 282.621

75, 25.760, 99.061

81, 9.476, 283.502

74, 34.528, 97.894

82, 18.145,
284.506

73, 43.093, 96.718

84, 25.860,
285.132

72, 51.244, 95.543

84, 24.227,
281.931

71, 58.635, 94.374

85, 22.678,
278.301

70, 64.757, 93.205

69, 68.991, 92.016

86, 21.233,
274.183

68, 71.127, 90.772

87, 19.910,
269.516

88, 18.735,
264.253

Harmonies

Complementary

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



78, 8.071, 101.313



74, 8.181, 283.422

Rectangle

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



78, 8.071, 101.313



78, 8.071, 151.313



78, 8.071, 281.313



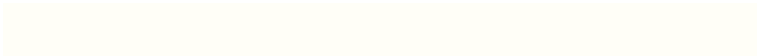
78, 8.071, 331.313

Sweetspot

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



78, 8.073, 101.325



99, 3.252, 101.964



74, 6.998, 6.585



53, 2.467, 101.887



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, 8.073, 101.325



98, 11.981, 101.106



78, 9.867, 122.562



40, 4.938, 101.305



57, 61.540, 90.872



10, 15.130, 95.857

Inverse Universe

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



74, 8.181, 283.422



92, 12.169, 283.670



74, 10.041, 303.553



38, 5.006, 283.444



21, 84.987, 303.202



2, 17.206, 286.243

Previews

White Background



This preview shows how the CIELCh color 78, 8.071, 101.313 looks on a white background.

Color Contrast Check

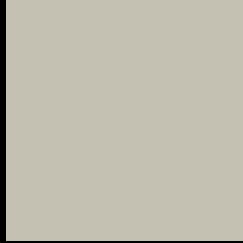
Large Text (above 18pt) WCAG AA × Fail

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, 8.071, 101.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

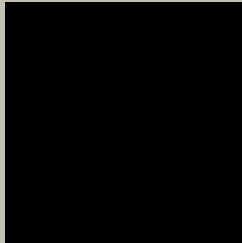
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

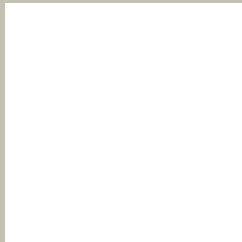
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.071, 101.313

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.071, 101.313.



This preview shows how white text looks on a background with the CIELCh color 78, 8.071, 101.313.

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, 8.071, 101.313

Protanopia

78, 8.053, 87.216

Deuteranopia

78, 11.996, 35.649



Tritanopia
78, 9.022, 317.066

Trichromacy



Original Color
78, 8.071, 101.313

Protanomaly
78, 7.917, 89.791

Deuteranomaly
78, 9.349, 54.529

Tritanomaly
78, 3.666, 343.867

Monochromacy



Original Color
78, 8.071, 101.313

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.760, 94.245

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.071, 101.313 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(196, 193, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 178)  
}
```

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(196, 193, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.071, 101.313 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(196, 193, 178) }
```

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

```
.border{ border-color:rgb(196, 193, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 178);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.071, 101.313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 178) }
```

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

```
.background{ background-color: rgb(196,  
193, 178) }
```

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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