

Converting Colors

CIELCh(78, 8.006, 106.716)

Have a look what the booklet for
CIELCh(78, 8.006, 106.716) contains.

CIELCh(78, 7.999, 106.720)	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, 7.999, 106.720)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2B3
RGB	195, 194, 179
RGB Percent	76%, 76%, 70%
CMY	0.2367, 0.2406, 0.2995
CMYK	0.00, 0.01, 0.08, 0.24
HSL	56°, 12%, 73%
HSV	56°, 8%, 76%
XYZ	49.7195, 53.2120, 50.1050
YIQ	192.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

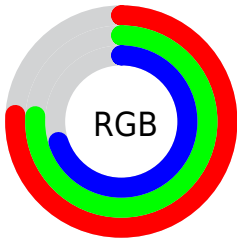
Format	Color
RYB	180, 195, 179
Decimal	12829363
CIELab	78.00, -2.30, 7.66
CIELCh	78, 7.999, 106.720
Yxy	53.2120, 0.3249, 0.3477
Android (android.graphics.Color)	4291019443 (0xFFC3C2B3)
YUV	192.5890, -6.6994, 2.1144
Hunter-Lab	72.9466, -5.9930, 10.3379

Details

The CIELCh color **78, 7.999, 106.720** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 8.140, 288.444**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 7.647, 104.200**, and **58, 7.928, 106.312** is the 20% darker color. If you saturate the color by 10%, you get **77, 17.727, 105.718**, and if you desaturate by 10%, it is **79, 1.746, 287.791**.

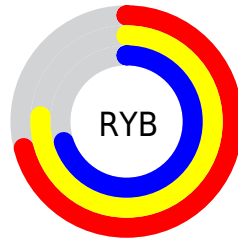
Distribution



Red (76%)

Green (76%)

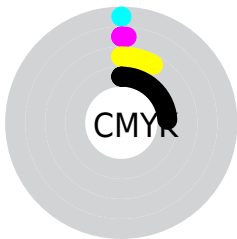
Blue (70%)



Red (71%)

Yellow (76%)

Blue (70%)

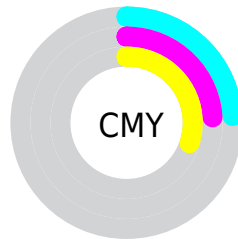


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 7.999, 106.720 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, 7.999, 106.720 by changing the saturation by 10% instead.

■ 78, 7.999, 106.720

■ 78, 7.999, 106.720

■ 100, 7.999,
106.720

■ 68, 7.999, 106.720

■ 98, 7.999, 106.720

■ 58, 7.999, 106.720

■ 48, 7.999, 106.720

■ 38, 7.999, 106.720

■ 28, 7.999, 106.720

■ 18, 7.999, 106.720

■ 8, 7.999, 106.720

■ 0, 7.999, 106.720

■ 78, 7.999, 106.720

■ 78, 7.999, 106.720

77, 17.727,
105.718

79, 1.746, 287.791

77, 27.374,
104.691

80, 11.478,
288.717

76, 36.850,
103.669

81, 21.172,
289.648

75, 46.006,
102.668

82, 30.027,
290.409

75, 54.606,
101.712

82, 29.366,
289.530

74, 62.298,
100.826

82, 28.712,
288.613

74, 68.600,
100.038

82, 28.066,
287.656

73, 72.984, 99.369

83, 27.428,
286.657

73, 75.258, 98.816

83, 26.799,
285.612

Harmonies

Complementary

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



78, 7.999, 106.720



74, 8.140, 288.444

Rectangle

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



78, 7.999, 106.720



78, 7.999, 156.720



78, 7.999, 286.720



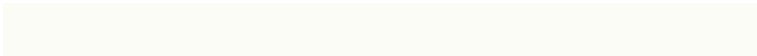
78, 7.999, 336.720

Sweetspot

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



78, 8.001, 106.731



99, 2.397, 107.318



74, 6.081, 14.420



53, 1.373, 107.326



0, 0.000, 0.000



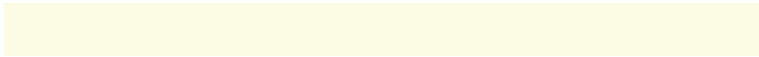
53, 0.007, 296.813

Same Dimension

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



78, 8.001, 106.731



98, 12.027, 106.537



78, 8.944, 126.334



41, 5.501, 106.616



61, 65.605, 98.783



11, 17.254, 103.247

Inverse Universe

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



74, 8.140, 288.444



91, 12.276, 288.664



74, 9.069, 307.088



38, 5.607, 288.573



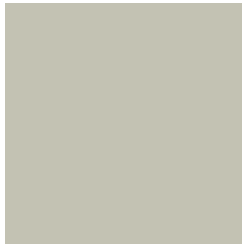
19, 91.746, 305.404



1, 18.614, 289.446

Previews

White Background



This preview shows how the CIELCh color 78, 7.999, 106.720 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, 7.999, 106.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

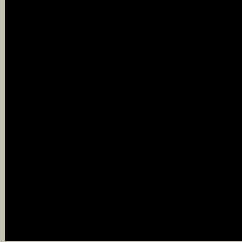
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

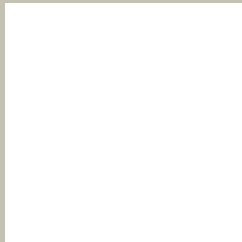
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 7.999, 106.720

Background



This preview shows how black text looks on a background with the CIELCh color 78, 7.999, 106.720.



This preview shows how white text looks on a background with the CIELCh color 78, 7.999, 106.720.

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, 7.999, 106.720

Protanopia

78, 8.053, 87.216

Deuteranopia

78, 11.996, 35.649



Tritanopia
78, 8.583, 310.523

Trichromacy



Original Color
78, 7.999, 106.720

Protanomaly
78, 8.208, 96.025

Deuteranomaly
78, 8.712, 53.178

Tritanomaly
78, 3.099, 335.765

Monochromacy



Original Color
78, 7.999, 106.720

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.197, 109.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 7.999, 106.720 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(195, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 179)  
}
```

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(195, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 7.999, 106.720 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(195, 194, 179) }
```

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

```
.border{ border-color:rgb(195, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 7.999, 106.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 179) }
```

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

```
.background{ background-color: rgb(195,  
194, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor