

Converting Colors

CIELCh(78, 28.791, 95.493)

Have a look what the booklet for
CIELCh(78, 28.791, 95.493) contains.

CIELCh(78, 28.672, 96.043)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 28.672, 96.043)

Conversions

Conversions Part 1

Format	Color
Hex	CFC18C
RGB	207, 193, 140
RGB Percent	81%, 76%, 55%
CMY	0.1888, 0.2437, 0.4515
CMYK	0.00, 0.07, 0.32, 0.19
HSL	47°, 41%, 68%
HSV	47°, 32%, 81%
XYZ	49.4545, 53.2120, 32.4237
YIQ	191.1440, 25.3570, -13.5150

Conversions

Conversions Part 2

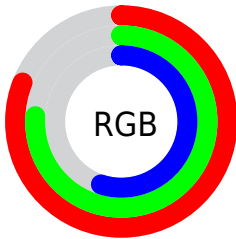
Format	Color
R_{YB}	158, 207, 140
Decimal	13615500
CIE Lab	78.00, -3.02, 28.51
CIE LCh	78, 28.672, 96.043
Yxy	53.2120, 0.3661, 0.3939
Android (android.graphics.Color)	4291805580 (0xFFCFC18C)
YUV	191.1440, -25.2140, 13.9057
Hunter-Lab	72.9466, -6.6416, 24.7090

Details

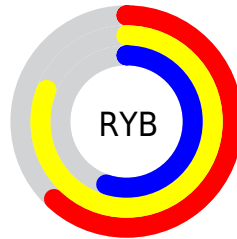
The CIELCh color **78, 28.672, 96.043** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 29.722, 284.560**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 27.938, 103.329**, and **58, 29.018, 96.231** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.508, 94.812**, and if you desaturate by 10%, it is **80, 19.776, 97.259**.

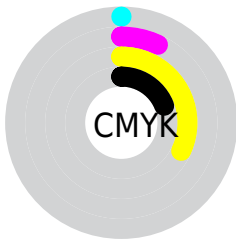
Distribution



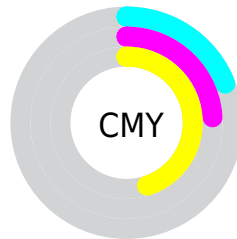
- Red (81%)
- Green (76%)
- Blue (55%)



- Red (62%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 28.672, 96.043 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, 28.672, 96.043 by changing the saturation by 10% instead.

■ 78, 28.672, 96.043

■ 78, 28.672, 96.043

■ 100, 28.672,
96.043

■ 68, 28.672, 96.043

■ 98, 28.672, 96.043

■ 58, 28.672, 96.043

■ 48, 28.672, 96.043

■ 38, 28.672, 96.043

■ 28, 28.672, 96.043

■ 18, 28.672, 96.043

■ 8, 28.672, 96.043

■ 0, 28.672, 96.043

■ 78, 28.672, 96.043

■ 78, 28.672, 96.043

77, 37.508, 94.812

80, 19.776, 97.259

75, 46.136, 93.557

81, 10.897, 98.436

74, 54.309, 92.284

83, 2.080, 99.519

73, 61.622, 90.986

84, 6.653, 280.730

71, 67.476, 89.634

86, 15.292,
281.777

70, 71.186, 88.168

87, 19.244,
279.938

69, 72.652, 86.960

89, 17.336,
273.497

90, 15.695,
265.647

91, 14.406,
256.247

Harmonies

Complementary

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



78, 28.672, 96.043



64, 29.722, 284.560

Rectangle

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



78, 28.672, 96.043



78, 28.672, 146.043



78, 28.672, 276.043



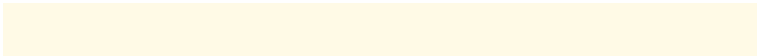
78, 28.672, 326.043

Sweetspot

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



78, 28.673, 96.048



98, 10.416, 98.696



65, 27.639, 5.691



52, 7.112, 98.533



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, 28.673, 96.048



93, 40.922, 95.174



80, 35.798, 119.248



43, 5.029, 98.776



57, 62.395, 87.225



13, 18.803, 90.858

Inverse Universe

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



64, 29.722, 284.560



73, 42.889, 285.939



62, 38.279, 303.480



41, 5.084, 281.016



24, 84.387, 301.957



3, 21.904, 287.701

Previews

White Background



This preview shows how the CIELCh color 78, 28.672, 96.043 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, 28.672, 96.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

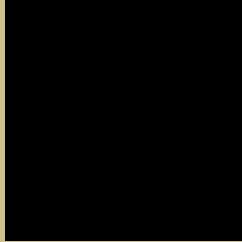
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 28.672, 96.043

Background



This preview shows how black text looks on a background with the CIELCh color 78, 28.672, 96.043.



This preview shows how white text looks on a background with the CIELCh color 78, 28.672, 96.043.

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, 28.672, 96.043

Protanopia

78, 28.672, 96.043

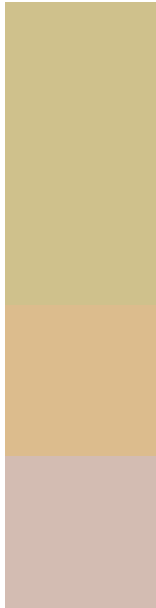
Deuteranopia

78, 29.318, 70.697



Tritanopia
78, 13.409, 343.839

Trichromacy



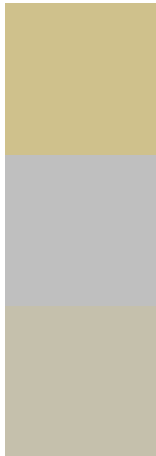
Original Color
78, 28.672, 96.043

Protanomaly
78, 28.672, 96.043

Deuteranomaly
78, 28.450, 80.208

Tritanomaly
78, 10.350, 50.872

Monochromacy



Original Color
78, 28.672, 96.043

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 10.833, 98.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 28.672, 96.043 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(207, 193, 140)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 140)  
}
```

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(207, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 28.672, 96.043 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(207, 193, 140) }
```

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

```
.border{ border-color:rgb(207, 193, 140) }
```

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

Here you see how a box with a 4 pixel rgb(207, 193, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 28.672, 96.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 140) }
```

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

```
.background{ background-color: rgb(207,  
193, 140) }
```

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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