

Converting Colors

CIELCh(78, 22.854, 95.904)

Have a look what the booklet for
CIELCh(78, 22.854, 95.904) contains.

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Color

CIELCh(78, 22.832, 95.919)

Conversions

Conversions Part 1

Format	Color
Hex	CDC197
RGB	205, 193, 151
RGB Percent	80%, 76%, 59%
CMY	0.1970, 0.2440, 0.4087
CMYK	0.00, 0.06, 0.26, 0.20
HSL	47°, 35%, 70%
HSV	47°, 26%, 80%
XYZ	49.6998, 53.2120, 36.8360
YIQ	191.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

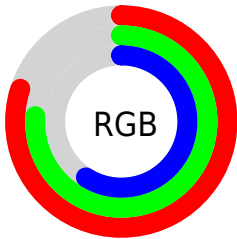
Format	Color
R_{YB}	166, 205, 151
Decimal	13484439
CIE _{Lab}	78.00, -2.35, 22.71
CIE _{LCh}	78, 22.832, 95.919
Yxy	53.2120, 0.3556, 0.3808
Android (android.graphics.Color)	4291674519 (0xFFCDC197)
YUV	191.8000, -20.1144, 11.5764
Hunter-Lab	72.9466, -6.0412, 21.1228

Details

The CIELCh color **78, 22.832, 95.919** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 23.409, 282.712**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.425, 102.686**, and **58, 22.904, 96.595** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.556, 94.687**, and if you desaturate by 10%, it is **80, 14.116, 97.130**.

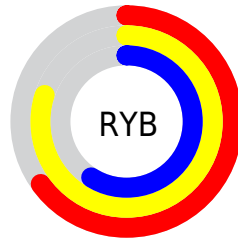
Distribution



Red (80%)

Green (76%)

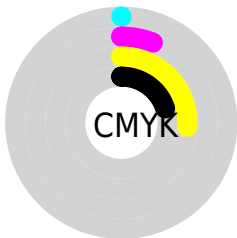
Blue (59%)



Red (65%)

Yellow (80%)

Blue (59%)

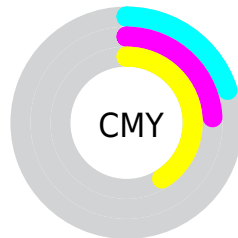


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.832, 95.919 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, 22.832, 95.919 by changing the saturation by 10% instead.

■ 78, 22.832, 95.919

■ 78, 22.832, 95.919

■ 100, 22.832,
95.919

■ 68, 22.832, 95.919

■ 98, 22.832, 95.919

■ 58, 22.832, 95.919

■ 48, 22.832, 95.919

■ 38, 22.832, 95.919

■ 28, 22.832, 95.919

■ 18, 22.832, 95.919

■ 8, 22.832, 95.919

■ 0, 22.832, 95.919

■ 78, 22.832, 95.919

■ 78, 22.832, 95.919

76, 31.556, 94.687

80, 14.116, 97.130

75, 40.189, 93.424

81, 5.458, 98.286

74, 48.559, 92.139

83, 3.116, 279.507

72, 56.370, 90.828

85, 11.593,
280.556

71, 63.149, 89.472

86, 19.968,
281.591

70, 68.240, 88.023

68, 71.018, 86.403

88, 18.808,
276.153

68, 71.718, 85.792

89, 16.958,
268.780

90, 15.448,
259.855

91, 14.378,
249.379

Harmonies

Complementary

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



78, 22.832, 95.919



67, 23.409, 282.712

Rectangle

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



78, 22.832, 95.919



78, 22.832, 145.919



78, 22.832, 275.919



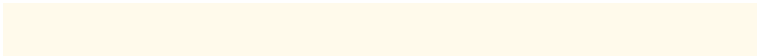
78, 22.832, 325.919

Sweetspot

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



78, 22.833, 95.925



98, 8.208, 98.091



68, 22.154, 3.587



52, 5.839, 97.917



0, 0.000, 0.000



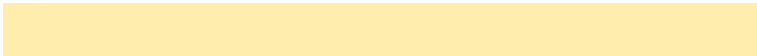
53, 0.007, 296.813

Same Dimension

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



78, 22.833, 95.925



94, 33.165, 95.180



80, 28.929, 118.934



42, 4.860, 97.944



56, 61.369, 86.088



12, 17.110, 90.034

Inverse Universe

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



67, 23.409, 282.712



78, 34.247, 283.783



65, 30.538, 302.407



40, 4.908, 280.202



24, 82.078, 301.450



3, 19.958, 286.243

Previews

White Background



This preview shows how the CIELCh color 78, 22.832, 95.919 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, 22.832, 95.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

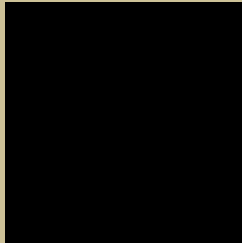
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 22.832, 95.919

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.832, 95.919.



This preview shows how white text looks on a background with the CIELCh color 78, 22.832, 95.919.

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, 22.832, 95.919

Protanopia

78, 22.832, 95.919

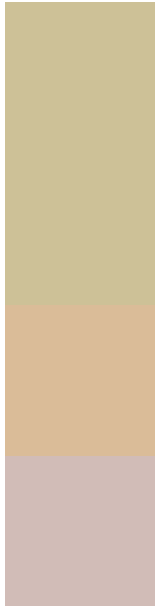
Deuteranopia

78, 24.199, 66.303



Tritanopia
78, 12.244, 339.504

Trichromacy



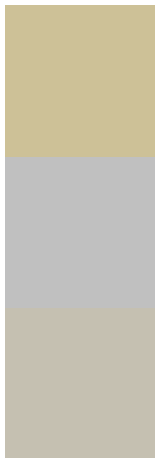
Original Color
78, 22.832, 95.919

Protanomaly
78, 22.832, 95.919

Deuteranomaly
78, 22.842, 76.259

Tritanomaly
78, 8.426, 38.352

Monochromacy



Original Color
78, 22.832, 95.919

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.217, 96.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.832, 95.919 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(205, 193, 151)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 151)  
}
```

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(205, 193, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.832, 95.919 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(205, 193, 151) }
```

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

```
.border{ border-color:rgb(205, 193, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 151);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.832, 95.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 151) }
```

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

```
.background{ background-color: rgb(205,  
193, 151) }
```

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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