

Converting Colors

CIELCh(78, 25.488, 101.565)

Have a look what the booklet for
CIELCh(78, 25.488, 101.565)
contains.

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Color

CIELCh(78, 25.597, 101.476)

Conversions

Conversions Part 1

Format	Color
Hex	C9C292
RGB	201, 194, 146
RGB Percent	79%, 76%, 57%
CMY	0.2109, 0.2383, 0.4266
CMYK	0.00, 0.03, 0.27, 0.21
HSL	52°, 34%, 68%
HSV	52°, 27%, 79%
XYZ	48.6932, 53.2120, 34.9846
YIQ	190.6210, 19.5800, -13.4440

Conversions

Conversions Part 2

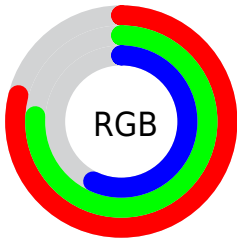
Format	Color
RYB	154, 201, 146
Decimal	13222546
CIELab	78.00, -5.09, 25.09
CIElCh	78, 25.597, 101.476
Yxy	53.2120, 0.3557, 0.3887
Android (android.graphics.Color)	4291412626 (0xFFC9C292)
YUV	190.6210, -21.9982, 9.1024
Hunter-Lab	72.9466, -8.5045, 22.6276

Details

The CIELCh color **78, 25.597, 101.476** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 26.801, 288.017**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 25.387, 103.957**, and **58, 25.838, 102.290** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.853, 100.368**, and if you desaturate by 10%, it is **79, 16.242, 102.582**.

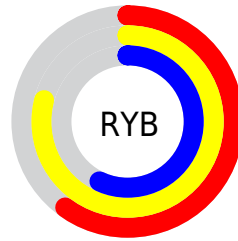
Distribution



Red (79%)

Green (76%)

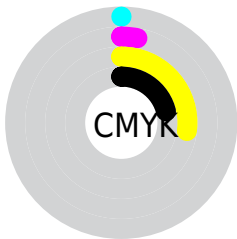
Blue (57%)



Red (60%)

Yellow (79%)

Blue (57%)

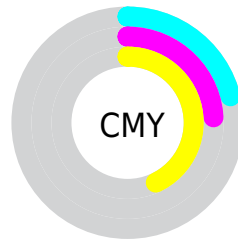


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (21%)



Cyan (21%)


Magenta (24%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 25.597, 101.476 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, 25.597, 101.476 by changing the saturation by 10% instead.


 78, 25.597,
101.476


 78, 25.597,
101.476


 100, 25.597,
101.476


 68, 25.597,
101.476


 98, 25.597,
101.476

 58, 25.597,
101.476

 48, 25.597,
101.476

 38, 25.597,
101.476

 28, 25.597,
101.476

 18, 25.597,
101.476

 8, 25.597, 101.476

0, 25.597, 101.476

78, 25.597,
101.476

78, 25.597,
101.476

77, 34.853,
100.368

79, 16.242,
102.582

76, 43.877, 99.256

80, 6.862, 103.654

75, 52.457, 98.159

81, 2.496, 284.772

74, 60.255, 97.091

83, 11.807,
285.750

73, 66.776, 96.062

84, 21.056,
286.722

73, 71.422, 95.072

72, 73.796, 94.101

85, 24.006,
285.666

72, 74.258, 93.844

85, 22.717,

283.031

■ 86, 21.481,
280.099

■ 87, 20.308,
276.833

Harmonies

Complementary

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



78, 25.597, 101.476



64, 26.801, 288.017

Rectangle

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



78, 25.597, 101.476



78, 25.597, 151.476



78, 25.597, 281.476



78, 25.597, 331.476

Sweetspot

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



78, 25.598, 101.481



99, 9.069, 103.573



66, 22.249, 11.286



53, 6.448, 103.412



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, 25.598, 101.481



96, 37.392, 100.800



78, 30.097, 122.847



41, 5.256, 103.439



59, 63.637, 93.995



12, 17.473, 98.223

Inverse Universe

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



64, 26.801, 288.017



76, 39.647, 289.048



64, 31.610, 305.891



39, 5.340, 285.514



21, 89.071, 304.235



2, 19.597, 288.289

Previews

White Background



This preview shows how the CIELCh color 78, 25.597, 101.476 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, 25.597, 101.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

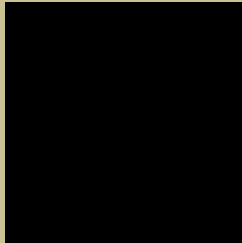
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.597, 101.476

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.597, 101.476.



This preview shows how white text looks on a background with the CIELCh color 78, 25.597, 101.476.

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, 25.597, 101.476

Protanopia

78, 26.015, 96.112

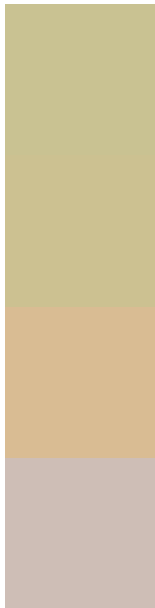
Deuteranopia

78, 26.168, 68.434



Tritanopia
78, 11.166, 334.364

Trichromacy



Original Color
78, 25.597, 101.476

Protanomaly
78, 25.857, 97.880

Deuteranomaly
78, 24.975, 79.859

Tritanomaly
78, 7.427, 54.721

Monochromacy



Original Color
78, 25.597, 101.476

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.138, 102.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.597, 101.476 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(201, 194, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 146)  
}
```

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(201, 194, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.597, 101.476 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(201, 194, 146) }
```

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

```
.border{ border-color:rgb(201, 194, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 146);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.597, 101.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 146) }
```

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

```
.background{ background-color: rgb(201,  
194, 146) }
```

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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