

Converting Colors

CIELCh(78, 34.907, 101.485)

Have a look what the booklet for
CIELCh(78, 34.907, 101.485)
contains.

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Color

CIELCh(78, 34.900, 101.503)

Conversions

Conversions Part 1

Format	Color
Hex	CBC381
RGB	203, 195, 129
RGB Percent	80%, 76%, 51%
CMY	0.2046, 0.2359, 0.4947
CMYK	0.00, 0.04, 0.36, 0.20
HSL	54°, 41%, 65%
HSV	54°, 36%, 80%
XYZ	48.0146, 53.2120, 28.4561
YIQ	189.8680, 25.9540, -18.8300

Conversions

Conversions Part 2

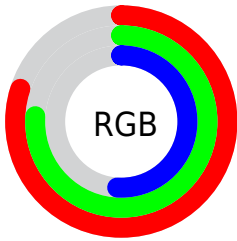
Format	Color
RYB	138, 203, 129
Decimal	13353857
CIELab	78.00, -6.96, 34.20
CIELCh	78, 34.900, 101.503
Yxy	53.2120, 0.3702, 0.4103
Android (android.graphics.Color)	4291543937 (0xFFCBC381)
YUV	189.8680, -30.0079, 11.5168
Hunter-Lab	72.9466, -10.1648, 27.9338

Details

The CIELCh color **78, 34.900, 101.503** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 37.436, 290.496**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 34.320, 104.958**, and **58, 34.921, 101.654** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.133, 100.425**, and if you desaturate by 10%, it is **79, 25.426, 102.594**.

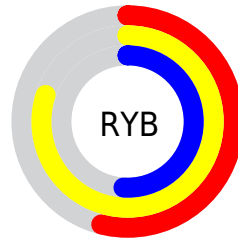
Distribution



Red (80%)

Green (76%)

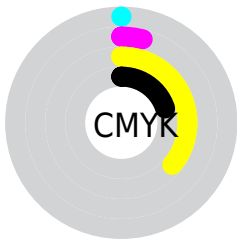
Blue (51%)



Red (54%)

Yellow (80%)

Blue (51%)

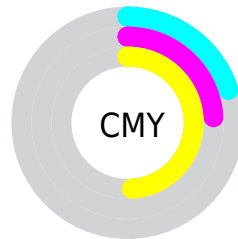


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (20%)



Cyan (20%)


Magenta (24%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.900, 101.503 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, 34.900, 101.503 by changing the saturation by 10% instead.


 78, 34.900,
101.503

 78, 34.900,
101.503


 100, 34.900,
101.503


 68, 34.900,
101.503


 98, 34.900,
101.503

 58, 34.900,
101.503

 48, 34.900,
101.503

 38, 34.900,
101.503

 28, 34.900,
101.503

 18, 34.900,
101.503

 8, 34.900, 101.503

0, 34.900, 101.503

78, 34.900,
101.503

78, 34.900,
101.503

77, 44.133,
100.425

79, 25.426,
102.594

76, 52.908, 99.365

80, 15.838,
103.672

76, 60.893, 98.344

81, 6.216, 104.723

75, 67.602, 97.379

82, 3.393, 285.808

74, 72.448, 96.478

83, 12.962,
286.783

74, 74.991, 95.630

73, 75.595, 95.338

84, 22.472,
287.739

85, 23.657,

286.333

■ 86, 22.543,
284.094

■ 86, 21.466,
281.637

Harmonies

Complementary

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



78, 34.900, 101.503



59, 37.436, 290.496

Rectangle

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



78, 34.900, 101.503



78, 34.900, 151.503



78, 34.900, 281.503



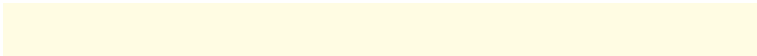
78, 34.900, 331.503

Sweetspot

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



78, 34.901, 101.507



99, 12.729, 104.238



62, 30.573, 13.924



52, 8.554, 104.093



0, 0.000, 0.000



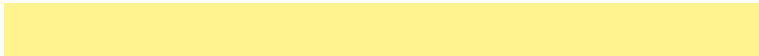
53, 0.007, 296.813

Same Dimension

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



78, 34.901, 101.507



95, 50.403, 100.628



78, 40.345, 123.014



43, 5.475, 104.421



61, 65.127, 95.456



13, 19.424, 99.010

Inverse Universe

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



59, 37.436, 290.496



67, 55.243, 292.072



59, 43.102, 307.080



40, 5.569, 286.468



21, 91.466, 304.668



2, 21.764, 289.684

Previews

White Background



This preview shows how the CIELCh color 78, 34.900, 101.503 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 CIE LCh color 78, 34.900, 101.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

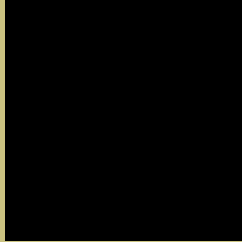
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.900, 101.503

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.900, 101.503.

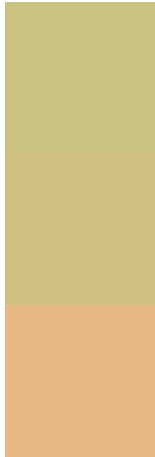


This preview shows how white text looks on a background with the CIELCh color 78, 34.900, 101.503.

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, 34.900, 101.503

Protanopia

78, 34.961, 95.993

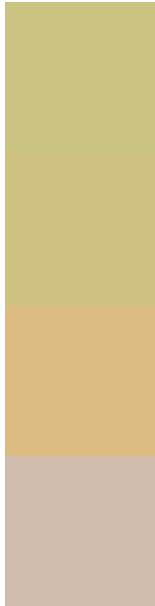
Deuteranopia

78, 34.862, 72.977



Tritanopia
78, 11.909, 341.463

Trichromacy



Original Color
78, 34.900, 101.503

Protanomaly
78, 35.206, 98.111

Deuteranomaly
78, 33.941, 83.251

Tritanomaly
78, 10.882, 66.924

Monochromacy



Original Color
78, 34.900, 101.503

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.849, 103.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.900, 101.503 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(203, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 129)  
}
```

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(203, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.900, 101.503 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(203, 195, 129) }
```

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

```
.border{ border-color:rgb(203, 195, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 129);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.900, 101.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 129) }
```

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

```
.background{ background-color: rgb(203,  
195, 129) }
```

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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