

Converting Colors

CIELCh(78, 33.836, 107.773)

Have a look what the booklet for
CIELCh(78, 33.836, 107.773)
contains.

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Color

CIELCh(78, 34.172, 107.695)

Conversions

Conversions Part 1

Format	Color
Hex	C4C584
RGB	196, 197, 132
RGB Percent	77%, 77%, 52%
CMY	0.2322, 0.2282, 0.4831
CMYK	0.01, 0.00, 0.33, 0.23
HSL	61°, 36%, 64%
HSV	61°, 33%, 77%
XYZ	46.7857, 53.2120, 29.5677
YIQ	189.2910, 20.2690, -20.4270

Conversions

Conversions Part 2

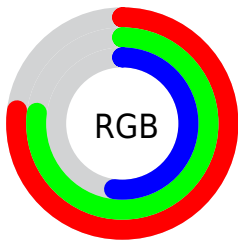
Format	Color
RYB	132, 197, 133
Decimal	12895620
CIELab	78.00, -10.39, 32.56
CIElCh	78, 34.172, 107.695
Yxy	53.2120, 0.3611, 0.4107
Android (android.graphics.Color)	4291085700 (0xFFC4C584)
YUV	189.2910, -28.2445, 5.8838
Hunter-Lab	72.9466, -13.1720, 27.0304

Details

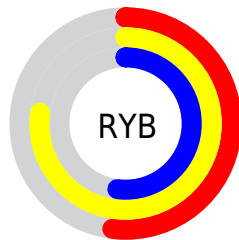
The CIELCh color **78, 34.172, 107.695** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 37.066, 294.818**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 34.222, 108.206**, and **58, 34.261, 107.626** is the 20% darker color. If you saturate the color by 10%, you get **78, 44.059, 106.795**, and if you desaturate by 10%, it is **78, 23.981, 108.631**.

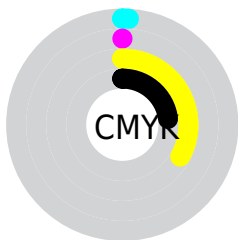
Distribution



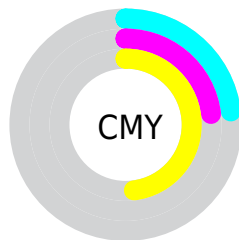
- Red (77%)
- Green (77%)
- Blue (52%)



- Red (52%)
- Yellow (77%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.172, 107.695 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, 34.172, 107.695 by changing the saturation by 10% instead.


 78, 34.172,
107.695


 78, 34.172,
107.695


 100, 34.172,
107.695


 68, 34.172,
107.695


 98, 34.172,
107.695

 58, 34.172,
107.695

 48, 34.172,
107.695

 38, 34.172,
107.695

 28, 34.172,
107.695

 18, 34.172,
107.695

 8, 34.172, 107.695

■ 0, 34.172, 107.695

■ 78, 34.172,
107.695

■ 78, 34.172,
107.695

■ 78, 44.059,
106.795

■ 78, 23.981,
108.631

■ 77, 53.434,
105.949

■ 79, 13.614,
109.571

■ 77, 61.991,
105.193

■ 79, 3.160, 110.492

■ 77, 69.310,
104.571

■ 80, 7.327, 291.434

■ 77, 74.898,
104.124

■ 80, 17.808,
292.318

■ 77, 78.359,
103.887

■ 81, 28.258,
293.171

■ 81, 30.961,

■ 77, 79.762,
103.819

293.521

■ 81, 30.963,
293.702

■ 81, 30.966,
293.884

Harmonies

Complementary

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



78, 34.172, 107.695



58, 37.066, 294.818

Rectangle

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



78, 34.172, 107.695



78, 34.172, 157.695



78, 34.172, 287.695



78, 34.172, 337.695

Sweetspot

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



78, 34.173, 107.698



99, 12.907, 109.839



62, 27.045, 22.273



53, 8.804, 109.706



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, 34.173, 107.698



98, 50.700, 107.009



76, 36.727, 127.534



42, 5.983, 109.911



65, 69.417, 103.805



13, 20.293, 106.910

Inverse Universe

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



58, 37.066, 294.818



67, 56.307, 296.076



60, 38.470, 310.683



38, 6.115, 291.730



19, 95.744, 306.340



1, 21.515, 292.156

Previews

White Background



This preview shows how the CIELCh color 78, 34.172, 107.695 looks on a white background.

Color Contrast Check

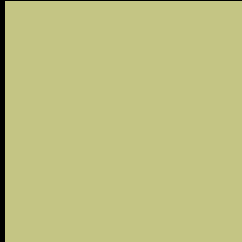
Large Text (above 18pt) WCAG AA × Fail

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, 34.172, 107.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

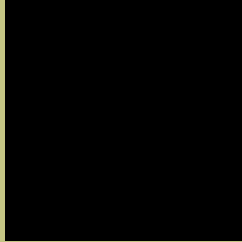
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.172, 107.695

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.172, 107.695.



This preview shows how white text looks on a background with the CIELCh color 78, 34.172, 107.695.

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, 34.172, 107.695

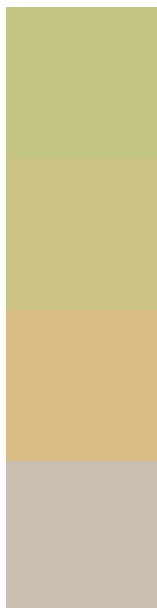
Protanopia
78, 33.948, 95.789

Deuteranopia
78, 33.256, 72.277



Tritanopia
78, 9.979, 326.578

Trichromacy



Original Color
78, 34.172, 107.695

Protanomaly
78, 33.493, 99.993

Deuteranomaly
78, 32.227, 85.381

Tritanomaly
78, 8.382, 82.327

Monochromacy



Original Color
78, 34.172, 107.695

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.816, 110.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.172, 107.695 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(196, 197, 132)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 132)  
}
```

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(196, 197, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.172, 107.695 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(196, 197, 132) }
```

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

```
.border{ border-color:rgb(196, 197, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 132);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.172, 107.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 132) }
```

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

```
.background{ background-color: rgb(196,  
197, 132) }
```

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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