

Converting Colors

CIELCh(78, 28.140, 114.116)

Have a look what the booklet for
CIELCh(78, 28.140, 114.116)
contains.

CIELCh(78, 28.165, 114.107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 28.165, 114.107)

Conversions

Conversions Part 1

Format	Color
Hex	BEC691
RGB	190, 198, 145
RGB Percent	75%, 78%, 57%
CMY	0.2560, 0.2246, 0.4324
CMYK	0.04, 0.00, 0.27, 0.22
HSL	69°, 32%, 67%
HSV	69°, 27%, 78%
XYZ	46.3896, 53.2120, 34.5092
YIQ	189.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

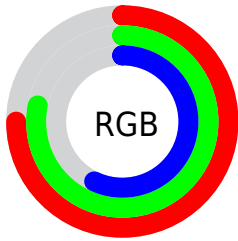
Format	Color
RYB	145, 198, 153
Decimal	12502673
CIELab	78.00, -11.50, 25.71
CIELCh	78, 28.165, 114.107
Yxy	53.2120, 0.3459, 0.3968
Android (android.graphics.Color)	4290692753 (0xFFBEC691)
YUV	189.5660, -21.9710, 0.3806
Hunter-Lab	72.9466, -14.1412, 23.0140

Details

The CIELCh color **78, 28.165, 114.107** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 29.935, 298.484**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 28.421, 114.103**, and **58, 28.064, 113.973** is the 20% darker color. If you saturate the color by 10%, you get **77, 38.384, 113.377**, and if you desaturate by 10%, it is **79, 17.734, 114.859**.

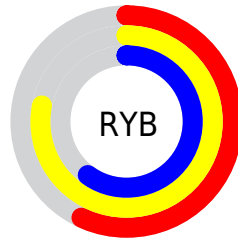
Distribution



Red (75%)

Green (78%)

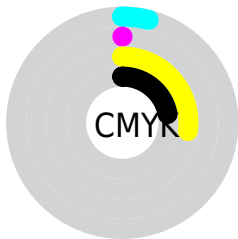
Blue (57%)



Red (57%)

Yellow (78%)

Blue (60%)

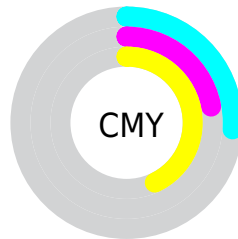


Cyan (4%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (26%)


Magenta (22%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 28.165, 114.107 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, 28.165, 114.107 by changing the saturation by 10% instead.

 78, 28.165,
114.107

 78, 28.165,
114.107


 100, 28.165,
114.107


 68, 28.165,
114.107


 98, 28.165,
114.107

 58, 28.165,
114.107

 48, 28.165,
114.107

 38, 28.165,
114.107

 28, 28.165,
114.107

 18, 28.165,
114.107

 8, 28.165, 114.107

■ 0, 28.165, 114.107

■ 78, 28.165,
114.107

■ 78, 28.165,
114.107

■ 77, 38.384,
113.377

■ 79, 17.734,
114.859

■ 77, 48.231,
112.689

■ 79, 7.189, 115.603

■ 77, 57.474,
112.086

■ 80, 3.401, 296.332

■ 81, 13.990,
297.031

■ 76, 65.771,
111.626

■ 82, 24.543,
297.698

■ 76, 72.671,
111.382

■ 82, 30.640,
298.840

■ 76, 77.690,
111.434

■ 83, 30.763,

■ 75, 80.572,
111.835

300.667

■ 75, 81.276,
111.996

■ 83, 30.915,
302.490

■ 83, 31.097,
304.306

Harmonies

Complementary

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



78, 28.165, 114.107



62, 29.935, 298.484

Rectangle

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



78, 28.165, 114.107



78, 28.165, 164.107



78, 28.165, 294.107



78, 28.165, 344.107

Sweetspot

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



78, 28.167, 114.110



99, 10.399, 115.505



67, 18.940, 34.230



53, 7.390, 115.392



0, 0.000, 0.000



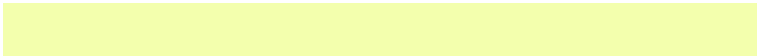
53, 0.007, 296.813

Same Dimension

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



78, 28.167, 114.110



97, 41.187, 113.690



76, 31.233, 132.911



42, 6.024, 115.412



63, 70.459, 111.875



13, 20.580, 114.852

Inverse Universe

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



62, 29.935, 298.484



75, 44.438, 299.118



65, 31.994, 315.274



38, 6.153, 296.830



19, 94.829, 306.946



1, 21.610, 295.724

Previews

White Background



This preview shows how the CIELCh color 78, 28.165, 114.107 looks on a white background.

Color Contrast Check

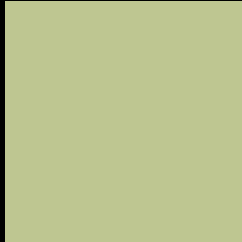
Large Text (above 18pt) WCAG AA × Fail

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, 28.165, 114.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

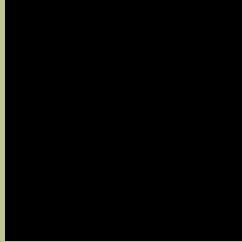
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

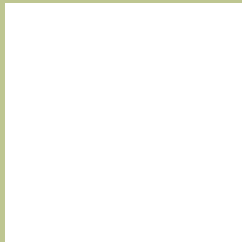
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 28.165, 114.107

Background



This preview shows how black text looks on a background with the CIELCh color 78, 28.165, 114.107.



This preview shows how white text looks on a background with the CIELCh color 78, 28.165, 114.107.

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, 28.165, 114.107

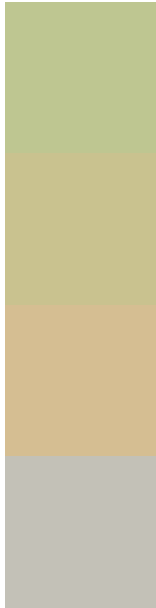
Protanopia
78, 27.251, 94.722

Deuteranopia
78, 26.597, 69.078



Tritanopia
78, 8.583, 310.523

Trichromacy



Original Color
78, 28.165, 114.107

Protanomaly
78, 27.158, 101.666

Deuteranomaly
78, 25.289, 86.245

Tritanomaly
78, 5.378, 101.639

Monochromacy



Original Color
78, 28.165, 114.107

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 10.221, 115.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 28.165, 114.107 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(190, 198, 145)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 145)  
}
```

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(190, 198, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 28.165, 114.107 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(190, 198, 145) }
```

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

```
.border{ border-color:rgb(190, 198, 145) }
```

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

Here you see how a box with a 4 pixel rgb(190, 198, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 145);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 28.165, 114.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 145) }
```

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

```
.background{ background-color: rgb(190,  
198, 145) }
```

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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