

Converting Colors

CIELCh(79, 14.865, 114.017)

Have a look what the booklet for
CIELCh(79, 14.865, 114.017)
contains.

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Color

CIELCh(79, 14.906, 113.259)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6AA
RGB	195, 198, 170
RGB Percent	76%, 78%, 67%
CMY	0.2351, 0.2233, 0.3331
CMYK	0.02, 0.00, 0.14, 0.22
HSL	66°, 20%, 72%
HSV	66°, 14%, 78%
XYZ	49.9886, 54.9284, 46.0256
YIQ	193.9110, 7.2000, -9.3440

Conversions

Conversions Part 2

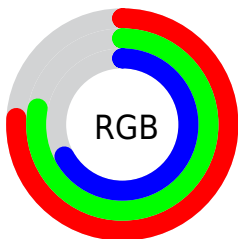
Format	Color
RYB	170, 198, 173
Decimal	12830378
CIELab	79.00, -5.89, 13.69
CIELCh	79, 14.906, 113.259
Yxy	54.9284, 0.3312, 0.3639
Android (android.graphics.Color)	4291020458 (0xFFC3C6AA)
YUV	193.9110, -11.7881, 0.9551
Hunter-Lab	74.1137, -9.3034, 15.0597

Details

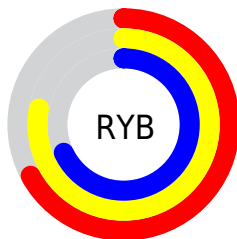
The CIELCh color $79, 14.906, 113.259$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $71, 15.386, 295.632$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $99, 15.229, 113.144$, and $59, 14.673, 113.321$ is the 20% darker color. If you saturate the color by 10%, you get $78, 25.353, 112.457$, and if you desaturate by 10%, it is $80, 4.367, 114.061$.

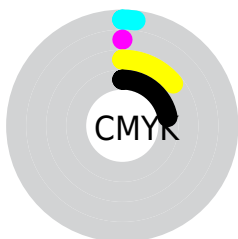
Distribution



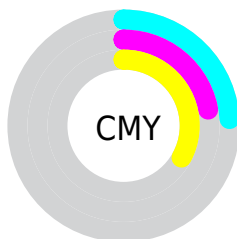
- Red (76%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (68%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)




- Cyan (24%)
- Magenta (22%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.906, 113.259 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 79, 14.906, 113.259 by changing the saturation by 10% instead.


 79, 14.906,
113.259


 79, 14.906,
113.259


 100, 14.906,
113.259


 69, 14.906,
113.259


 99, 14.906,
113.259

 59, 14.906,
113.259

 49, 14.906,
113.259

 39, 14.906,
113.259

 29, 14.906,
113.259

 19, 14.906,
113.259

 9, 14.906, 113.259

■ 0, 14.906, 113.259

■ 79, 14.906,
113.259

■ 79, 14.906,
113.259

■ 78, 25.353,
112.457

■ 80, 4.367, 114.061

■ 80, 6.210, 294.850

■ 78, 35.612,
111.660

■ 81, 16.779,
295.600

■ 77, 45.544,
110.896

■ 82, 27.312,
296.318

■ 77, 54.938,
110.203

■ 82, 30.382,
297.448

■ 77, 63.480,
109.626

■ 82, 30.451,
298.756

■ 76, 70.739,
109.228

■ 83, 30.535,

■ 76, 76.223,
109.077

300.063

■ 76, 79.557,
109.231

■ 83, 30.634,
301.370

■ 76, 80.780,
109.425

■ 83, 30.748,
302.674

Harmonies

Complementary

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



79, 14.906, 113.259



71, 15.386, 295.632

Rectangle

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



79, 14.906, 113.259



79, 14.906, 163.259



79, 14.906, 293.259



79, 14.906, 343.259

Sweetspot

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



79, 14.908, 113.264



100, 5.180, 114.067



73, 9.873, 28.963



53, 3.682, 114.007



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 14.908, 113.264



99, 21.985, 113.013



78, 16.261, 131.886



42, 6.005, 113.646



64, 69.955, 109.335



13, 20.439, 112.342

Inverse Universe

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



71, 15.386, 295.632



86, 22.852, 295.943



72, 16.508, 313.073



38, 6.136, 295.186



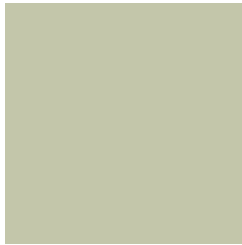
19, 95.206, 306.691



1, 21.571, 294.575

Previews

White Background



This preview shows how the CIELCh color 79, 14.906, 113.259 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 79, 14.906, 113.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

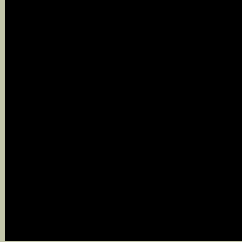
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

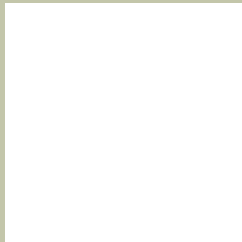
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.906, 113.259

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.906, 113.259.



This preview shows how white text looks on a background with the CIELCh color 79, 14.906, 113.259.

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


79, 14.906, 113.259

Protanopia

79, 14.865, 93.649

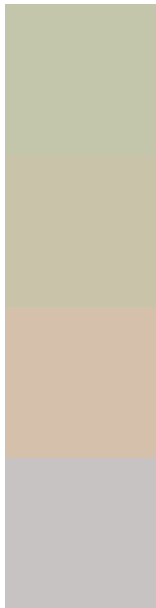
Deuteranopia

79, 16.245, 51.682



Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 14.906, 113.259

Protanomaly
79, 14.465, 101.154

Deuteranomaly
79, 13.890, 72.971

Tritanomaly
79, 1.220, 44.900

Monochromacy



Original Color
79, 14.906, 113.259

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.341, 113.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.906, 113.259 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(195, 198, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 170)  
}
```

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(195, 198, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.906, 113.259 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(195, 198, 170) }
```

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

```
.border{ border-color:rgb(195, 198, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.906, 113.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 170) }
```

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

```
.background{ background-color: rgb(195,  
198, 170) }
```

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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