

Converting Colors

CIELCh(79, 14.209, 97.187)

Have a look what the booklet for
CIELCh(79, 14.209, 97.187) contains.

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Color

CIELCh(79, 14.587, 98.116)

Conversions

Conversions Part 1

Format	Color
Hex	CBC4A9
RGB	203, 196, 169
RGB Percent	80%, 77%, 66%
CMY	0.2046, 0.2321, 0.3379
CMYK	0.00, 0.03, 0.17, 0.20
HSL	48°, 25%, 73%
HSV	48°, 17%, 80%
XYZ	51.4241, 54.9284, 45.3425
YIQ	195.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

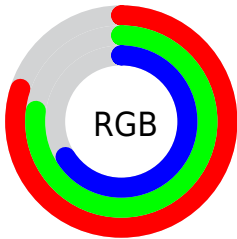
Format	Color
RYB	178, 203, 169
Decimal	13354153
CIELab	79.00, -2.06, 14.44
CIELCh	79, 14.587, 98.116
Yxy	54.9284, 0.3390, 0.3621
Android (android.graphics.Color)	4291544233 (0xFFCBC4A9)
YUV	195.0150, -12.8254, 7.0028
Hunter-Lab	74.1137, -5.8461, 15.6062

Details

The CIELCh color **79, 14.587, 98.116** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 14.848, 282.191**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.706, 106.210**, and **59, 14.375, 96.796** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.365, 96.935**, and if you desaturate by 10%, it is **81, 5.854, 99.267**.

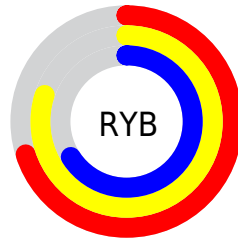
Distribution



Red (80%)

Green (77%)

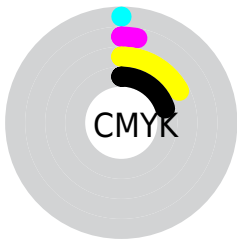
Blue (66%)



Red (70%)

Yellow (80%)

Blue (66%)

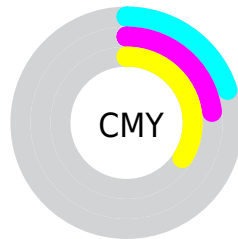


Cyan (0%)

Magenta (3%)

Yellow (17%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 14.587, 98.116 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, 14.587, 98.116 by changing the saturation by 10% instead.

■ 79, 14.587, 98.116

■ 79, 14.587, 98.116

■ 100, 14.587,
98.116

■ 69, 14.587, 98.116

■ 99, 14.587, 98.116

■ 59, 14.587, 98.116

■ 49, 14.587, 98.116

■ 39, 14.587, 98.116

■ 29, 14.587, 98.116

■ 19, 14.587, 98.116

■ 9, 14.587, 98.116

■ 0, 14.587, 98.116

■ 79, 14.587, 98.116

■ 79, 14.587, 98.116

78, 23.365, 96.935

81, 5.854, 99.267

76, 32.128, 95.718

82, 2.807, 280.473

75, 40.773, 94.479

84, 11.381,
281.507

73, 49.119, 93.225

85, 19.861,
282.531

72, 56.863, 91.952

71, 63.523, 90.648

87, 20.461,
279.000

70, 68.452, 89.273

88, 18.633,
273.103

69, 71.082, 87.761

68, 71.691, 87.259

89, 17.040,
266.064

90, 15.749,
257.781

91, 14.832,
248.310

Harmonies

Complementary

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



79, 14.587, 98.116



72, 14.848, 282.191

Rectangle

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



79, 14.587, 98.116



79, 14.587, 148.116



79, 14.587, 278.116



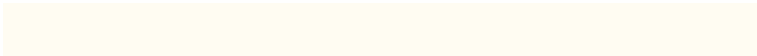
79, 14.587, 328.116

Sweetspot

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



79, 14.588, 98.124



99, 5.208, 99.450



72, 13.609, 3.622



53, 3.555, 99.374



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, 14.588, 98.124



96, 20.991, 97.711



80, 18.356, 120.189



42, 4.944, 98.972



57, 61.786, 87.517



12, 17.414, 91.484

Inverse Universe

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



72, 14.848, 282.191



86, 21.444, 282.708



71, 18.967, 302.247



40, 4.999, 281.199



23, 83.647, 302.032



3, 20.212, 286.774

Previews

White Background



This preview shows how the CIELCh color 79, 14.587, 98.116 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, 14.587, 98.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

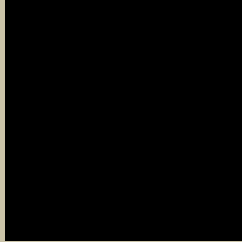
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

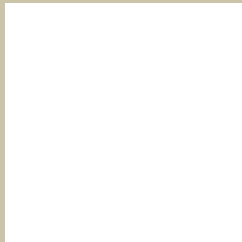
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 14.587, 98.116

Background



This preview shows how black text looks on a background with the CIELCh color 79, 14.587, 98.116.



This preview shows how white text looks on a background with the CIELCh color 79, 14.587, 98.116.

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, 14.587, 98.116

Protanopia

79, 14.865, 93.649

Deuteranopia

79, 17.220, 53.838



Tritanopia
79, 10.170, 328.260

Trichromacy



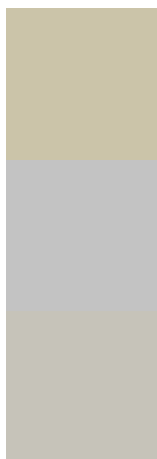
Original Color
79, 14.587, 98.116

Protanomaly
79, 14.766, 95.119

Deuteranomaly
79, 14.916, 68.076

Tritanomaly
79, 4.876, 25.930

Monochromacy



Original Color
79, 14.587, 98.116

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 5.430, 97.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 14.587, 98.116 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, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 169)  
}
```

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, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 14.587, 98.116 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, 196, 169) }
```

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

```
.border{ border-color:rgb(203, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 14.587, 98.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 169) }
```

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

```
.background{ background-color: rgb(203,  
196, 169) }
```

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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