

Converting Colors

CIELCh(84, 8.759, 114.197)

Have a look what the booklet for
CIELCh(84, 8.759, 114.197) contains.

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Color

CIELCh(84, 8.958, 114.167)

Conversions

Conversions Part 1

Format	Color
Hex	D1D3C2
RGB	209, 211, 194
RGB Percent	82%, 83%, 76%
CMY	0.1802, 0.1724, 0.2391
CMYK	0.01, 0.00, 0.08, 0.17
HSL	67°, 16%, 79%
HSV	67°, 8%, 83%
XYZ	59.3515, 64.0658, 60.2996
YIQ	208.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

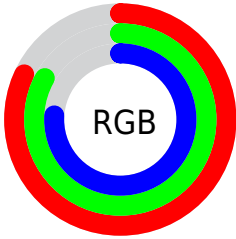
Format	Color
RYB	194, 211, 196
Decimal	13751234
CIELab	84.00, -3.67, 8.17
CIELCh	84, 8.958, 114.167
Yxy	64.0658, 0.3231, 0.3487
Android (android.graphics.Color)	4291941314 (0xFFD1D3C2)
YUV	208.4640, -7.1308, 0.4701
Hunter-Lab	80.0411, -7.7119, 11.3622

Details

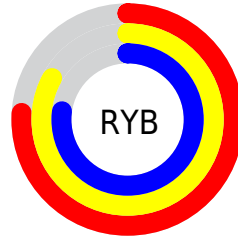
The CIELCh color **84, 8.958, 114.167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 9.131, 295.470**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **64, 9.461, 113.966** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.037, 113.383**, and if you desaturate by 10%, it is **85, 2.176, 294.965**.

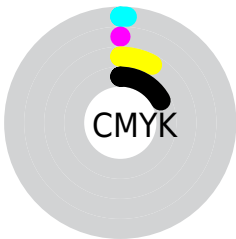
Distribution



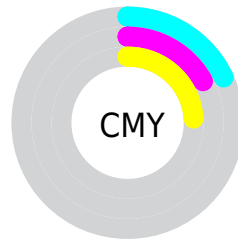
- Red (82%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 8.958, 114.167 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 84, 8.958, 114.167 by changing the saturation by 10% instead.

■ 84, 8.958, 114.167

■ 84, 8.958, 114.167

■ 100, 8.958,
114.167

■ 74, 8.958, 114.167

■ 64, 8.958, 114.167

■ 54, 8.958, 114.167

■ 44, 8.958, 114.167

■ 34, 8.958, 114.167

■ 24, 8.958, 114.167

■ 14, 8.958, 114.167

■ 4, 8.958, 114.167

■ 0, 8.958, 114.167

84, 8.958, 114.167

84, 8.958, 114.167

83, 20.037,
113.383

85, 2.176, 294.965

83, 30.980,
112.588

85, 13.318,
295.709

82, 41.673,
111.813

86, 23.203,
296.577

82, 51.942,
111.085

86, 23.291,
298.619

81, 61.521,
110.447

87, 23.406,
300.653

81, 70.027,
109.954

87, 23.550,
302.676

81, 76.962,
109.676

87, 23.722,
304.683

80, 81.822,
109.683

87, 23.922,
306.669

■ 80, 84.451,
110.006

■ 87, 24.149,
308.629

Harmonies

Complementary

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



84, 8.958, 114.167



79, 9.131, 295.470

Rectangle

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



84, 8.958, 114.167



84, 8.958, 164.167



84, 8.958, 294.167



84, 8.958, 344.167

Sweetspot

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



84, 8.960, 114.176



100, 2.587, 114.641



80, 5.699, 30.356



53, 1.470, 114.648



0, 0.000, 0.000



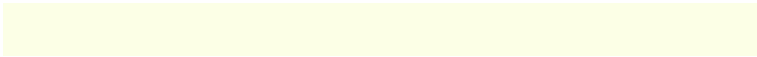
53, 0.007, 296.813

Same Dimension

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



84, 8.960, 114.176



99, 12.963, 114.014



83, 9.781, 132.717



44, 6.262, 114.070



65, 71.675, 109.973



15, 23.652, 111.649

Inverse Universe

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



79, 9.131, 295.470



92, 13.265, 295.652



80, 9.872, 313.355



40, 6.398, 295.589



20, 97.325, 306.734



2, 25.664, 296.201

Previews

White Background



This preview shows how the CIELCh color 84, 8.958, 114.167 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 84, 8.958, 114.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

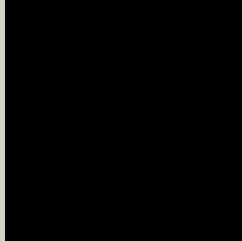
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

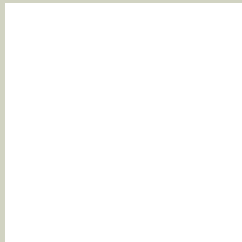
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 8.958, 114.167

Background



This preview shows how black text looks on a background with the CIELCh color 84, 8.958, 114.167.

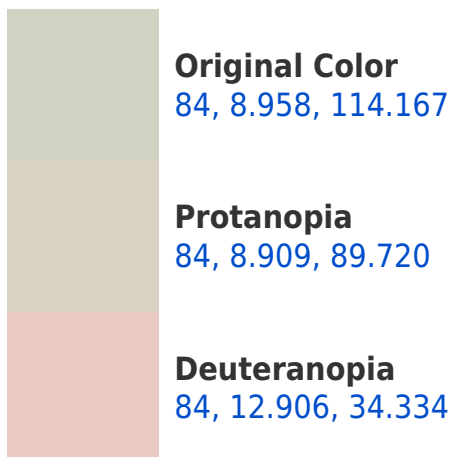



This preview shows how white text looks on a background with the CIELCh color 84, 8.958, 114.167.

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





Tritanopia
84, 8.742, 304.951

Trichromacy



Original Color
84, 8.958, 114.167

Protanomaly
84, 9.037, 99.849

Deuteranomaly
84, 9.507, 53.293

Tritanomaly
84, 2.579, 324.441

Monochromacy



Original Color
84, 8.958, 114.167

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 3.172, 116.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 8.958, 114.167 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(209, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 194)  
}
```

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(209, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 8.958, 114.167 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(209, 211, 194) }
```

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

```
.border{ border-color:rgb(209, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 8.958, 114.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 194) }
```

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

```
.background{ background-color: rgb(209,  
211, 194) }
```

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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