

Converting Colors

CIELCh(86, 9.075, 112.939)

Have a look what the booklet for
CIELCh(86, 9.075, 112.939) contains.

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Color

CIELCh(86, 9.431, 113.884)

Conversions

Conversions Part 1

Format	Color
Hex	D7D9C7
RGB	215, 217, 199
RGB Percent	84%, 85%, 78%
CMY	0.1580, 0.1502, 0.2207
CMYK	0.01, 0.00, 0.08, 0.15
HSL	67°, 19%, 81%
HSV	67°, 8%, 85%
XYZ	62.9506, 67.9871, 63.6620
YIQ	214.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

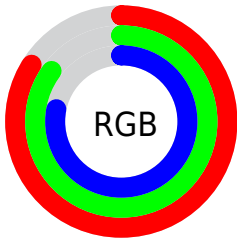
Format	Color
RYB	199, 217, 201
Decimal	14145991
CIELab	86.00, -3.82, 8.62
CIElCh	86, 9.431, 113.884
Yxy	67.9871, 0.3235, 0.3494
Android (android.graphics.Color)	4292336071 (0xFFD7D9C7)
YUV	214.3500, -7.5675, 0.5701
Hunter-Lab	82.4543, -8.0173, 11.9409

Details

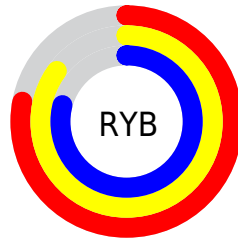
The CIELCh color **86, 9.431, 113.884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.619, 295.247**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 9.407, 113.990** is the 20% darker color. If you saturate the color by 10%, you get **85, 20.743, 113.090**, and if you desaturate by 10%, it is **87, 1.939, 294.696**.

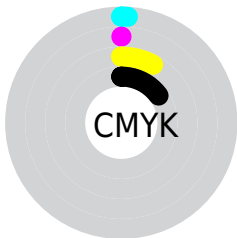
Distribution



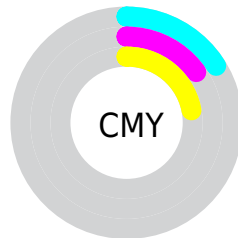
- Red (84%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.431, 113.884 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 86, 9.431, 113.884 by changing the saturation by 10% instead.

■ 86, 9.431, 113.884

■ 86, 9.431, 113.884

■ 100, 9.431,
113.884

■ 76, 9.431, 113.884

■ 66, 9.431, 113.884

■ 56, 9.431, 113.884

■ 46, 9.431, 113.884

■ 36, 9.431, 113.884

■ 26, 9.431, 113.884

■ 16, 9.431, 113.884

■ 6, 9.431, 113.884

■ 0, 9.431, 113.884

86, 9.431, 113.884

86, 9.431, 113.884

85, 20.743,
113.090

87, 1.939, 294.696

85, 31.913,
112.285

88, 13.320,
295.449

84, 42.822,
111.500

88, 20.137,
296.816

84, 53.290,
110.764

88, 20.232,
299.112

83, 63.041,
110.119

88, 20.359,
301.396

83, 71.675,
109.619

89, 20.516,
303.659

83, 78.680,
109.334

89, 20.704,
305.896

82, 83.544,
109.333

89, 20.922,
308.100

■ 82, 86.130,
109.641

■ 89, 21.170,
310.265

Harmonies

Complementary

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



86, 9.431, 113.884



81, 9.619, 295.247

Rectangle

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



86, 9.431, 113.884



86, 9.431, 163.884



86, 9.431, 293.884



86, 9.431, 343.884

Sweetspot

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



86, 9.433, 113.892



100, 2.586, 114.383



82, 6.093, 28.723



53, 1.470, 114.390



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 9.433, 113.892



99, 12.958, 113.750



85, 10.258, 132.150



45, 6.385, 113.804



66, 72.407, 109.598



16, 25.158, 110.806

Inverse Universe

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



81, 9.619, 295.247



92, 13.260, 295.408



81, 10.360, 312.815



41, 6.524, 295.346



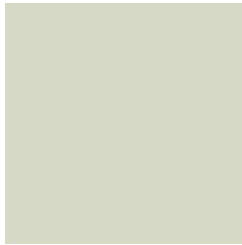
20, 98.473, 306.695



2, 27.701, 296.817

Previews

White Background



This preview shows how the CIELCh color 86, 9.431, 113.884 looks on a white background.

Color Contrast Check

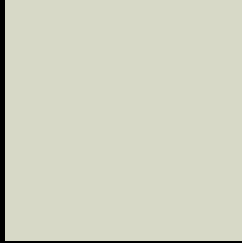
Large Text (above 18pt) WCAG AA × Fail

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 86, 9.431, 113.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

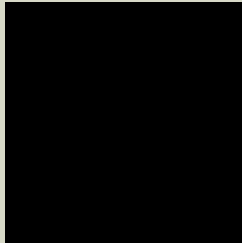
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

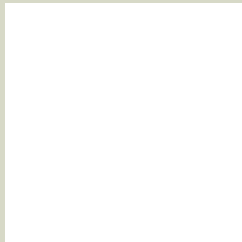
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.431, 113.884

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.431, 113.884.



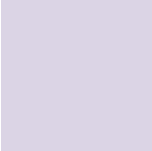
This preview shows how white text looks on a background with the CIELCh color 86, 9.431, 113.884.

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](#).

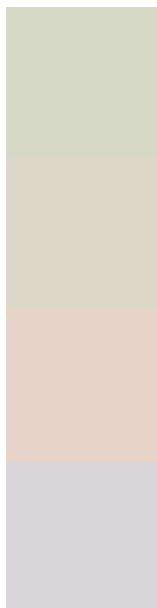
Dichromacy





Tritanopia
86, 9.304, 306.284

Trichromacy



Original Color
86, 9.431, 113.884

Protanomaly
86, 9.064, 97.536

Deuteranomaly
86, 9.454, 57.146

Tritanomaly
86, 2.379, 317.285

Monochromacy



Original Color
86, 9.431, 113.884

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.679, 115.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.431, 113.884 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(215, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 199)  
}
```

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(215, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.431, 113.884 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(215, 217, 199) }
```

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

```
.border{ border-color:rgb(215, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.431, 113.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 199) }
```

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

```
.background{ background-color: rgb(215,  
217, 199) }
```

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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