

Converting Colors

CIELCh(86, 13.381, 112.088)

Have a look what the booklet for
CIELCh(86, 13.381, 112.088)
contains.

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Color

CIELCh(86, 13.070, 112.355)

Conversions

Conversions Part 1

Format	Color
Hex	D7D9C0
RGB	215, 217, 192
RGB Percent	84%, 85%, 75%
CMY	0.1563, 0.1484, 0.2465
CMYK	0.01, 0.00, 0.12, 0.15
HSL	65°, 25%, 80%
HSV	65°, 12%, 85%
XYZ	62.4525, 67.9871, 59.7871
YIQ	213.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

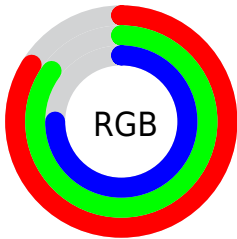
Format	Color
R_{YB}	192, 217, 194
Decimal	14145984
CIE Lab	86.00, -4.97, 12.09
CIE LCh	86, 13.070, 112.355
Yxy	67.9871, 0.3283, 0.3574
Android (android.graphics.Color)	4292336064 (0xFFD7D9C0)
YUV	213.5520, -10.6251, 1.2699
Hunter-Lab	82.4543, -9.0957, 14.7272

Details

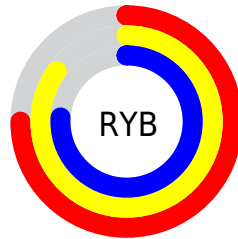
The CIELCh color **86, 13.070, 112.355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 13.420, 294.377**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **66, 12.694, 112.440** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.344, 111.512**, and if you desaturate by 10%, it is **87, 1.715, 113.183**.

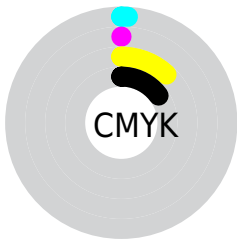
Distribution



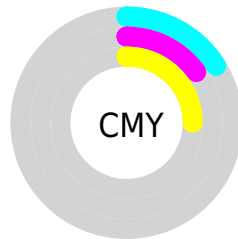
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 13.070, 112.355 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, 13.070, 112.355 by changing the saturation by 10% instead.


 86, 13.070,
112.355


 86, 13.070,
112.355


 100, 13.070,
112.355


 76, 13.070,
112.355

 66, 13.070,
112.355

 56, 13.070,
112.355

 46, 13.070,
112.355

 36, 13.070,
112.355

 26, 13.070,
112.355

 16, 13.070,

112.355

■ 6, 13.070, 112.355

■ 0, 13.070, 112.355

■ 86, 13.070,
112.355

■ 86, 13.070,
112.355

■ 85, 24.344,
111.512

■ 87, 1.715, 113.183

■ 85, 35.440,
110.667

■ 87, 9.669, 294.026

■ 84, 46.225,
109.850

■ 88, 19.841,
294.908

■ 84, 56.487,
109.092

■ 88, 19.888,
296.590

■ 84, 65.912,

■ 88, 19.952,
298.270

108.434

88, 20.032,
299.943

83, 74.056,
107.931

89, 20.129,
301.608

83, 80.383,
107.646

89, 20.242,
303.261

83, 84.433,
107.635

89, 20.371,
304.901

83, 86.255,
107.821

Harmonies

Complementary

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



86, 13.070, 112.355



79, 13.420, 294.377

Rectangle

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



86, 13.070, 112.355



86, 13.070, 162.355



86, 13.070, 292.355



86, 13.070, 342.355

Sweetspot

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



86, 13.072, 112.362



100, 3.877, 113.068



80, 8.830, 25.755



53, 2.941, 113.003



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, 13.072, 112.362



99, 18.093, 112.140



85, 14.141, 130.879



46, 6.498, 112.537



68, 72.916, 107.748



18, 26.562, 108.684

Inverse Universe

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



79, 13.420, 294.377



89, 18.682, 294.642



80, 14.338, 311.847



42, 6.642, 294.175



21, 99.787, 306.551



2, 29.704, 296.887

Previews

White Background



This preview shows how the CIELCh color 86, 13.070, 112.355 looks on a white background.

Color Contrast Check

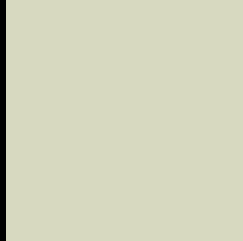
Large Text (above 18pt) WCAG AA × Fail

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, 13.070, 112.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

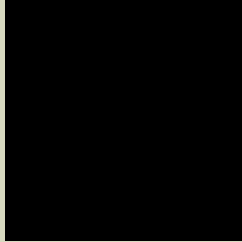
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

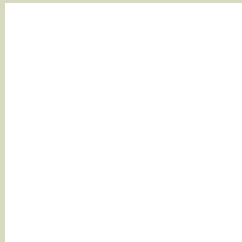
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.070, 112.355

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.070, 112.355.



This preview shows how white text looks on a background with the CIELCh color 86, 13.070, 112.355.

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

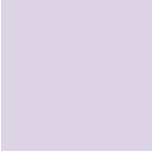
86, 13.070, 112.355

Protanopia

86, 12.592, 91.634

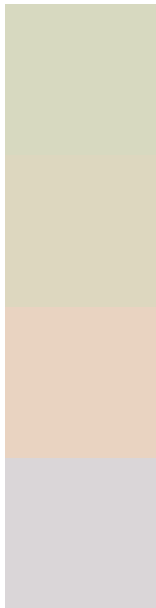
Deuteranopia

86, 15.396, 46.314



Tritanopia
86, 9.407, 308.362

Trichromacy



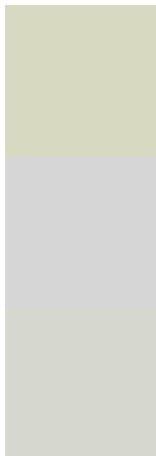
Original Color
86, 13.070, 112.355

Protanomaly
86, 12.728, 98.840

Deuteranomaly
86, 12.610, 67.812

Tritanomaly
86, 1.800, 343.560

Monochromacy



Original Color
86, 13.070, 112.355

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.722, 114.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.070, 112.355 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.070, 112.355 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, 192) }
```

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

```
.border{ border-color:rgb(215, 217, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.070, 112.355 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, 192) }
```

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

```
.background{ background-color: rgb(215,  
217, 192) }
```

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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