

Converting Colors

CIELCh(86, 8.315, 142.127)

Have a look what the booklet for
CIELCh(86, 8.315, 142.127) contains.

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Color

CIELCh(86, 8.760, 142.206)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBCD
RGB	206, 219, 205
RGB Percent	81%, 86%, 80%
CMY	0.1933, 0.1423, 0.1972
CMYK	0.06, 0.00, 0.06, 0.14
HSL	116°, 16%, 83%
HSV	116°, 6%, 86%
XYZ	61.6152, 67.9871, 67.4521
YIQ	213.5170, -3.2540, -7.1100

Conversions

Conversions Part 2

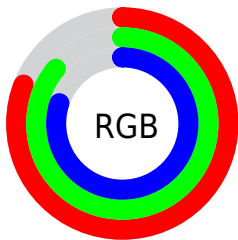
Format	Color
RYB	205, 219, 218
Decimal	13556685
CIELab	86.00, -6.92, 5.37
CIELCh	86, 8.760, 142.206
Yxy	67.9871, 0.3127, 0.3450
Android (android.graphics.Color)	4291746765 (0xFFCEDBCD)
YUV	213.5170, -4.1989, -6.5924
Hunter-Lab	82.4543, -10.9082, 9.2156

Details

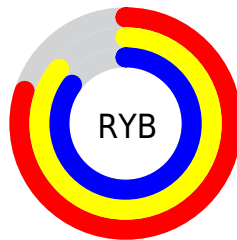
The CIELCh color **86, 8.760, 142.206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 8.789, 322.804**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 8.578, 141.975** is the 20% darker color. If you saturate the color by 10%, you get **84, 22.584, 141.593**, and if you desaturate by 10%, it is **88, 4.900, 322.633**.

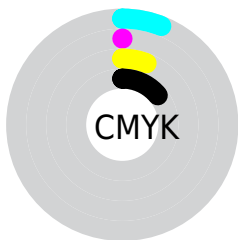
Distribution



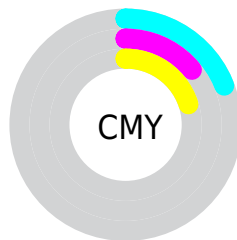
- Red (81%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (19%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.760, 142.206 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, 8.760, 142.206 by changing the saturation by 10% instead.

■ 86, 8.760, 142.206

■ 86, 8.760, 142.206

■ 100, 8.760,
142.206

■ 76, 8.760, 142.206

■ 66, 8.760, 142.206

■ 56, 8.760, 142.206

■ 46, 8.760, 142.206

■ 36, 8.760, 142.206

■ 26, 8.760, 142.206

■ 16, 8.760, 142.206

■ 6, 8.760, 142.206

■ 0, 8.760, 142.206

86, 8.760, 142.206

86, 8.760, 142.206

84, 22.584,
141.593

88, 4.900, 322.633

82, 36.408,
140.898

90, 18.295,
323.103

81, 50.019,
140.105

91, 22.719,
325.215


80, 63.128,
139.225

79, 75.361,
138.288

78, 86.246,
137.362

77, 95.223,
136.556

77, 101.725,
136.010

 77,105.427,
135.821

Harmonies

Complementary

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



86, 8.760, 142.206



84, 8.789, 322.804

Rectangle

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



86, 8.760, 142.206



86, 8.760, 192.206



86, 8.760, 322.206



86, 8.760, 12.206

Sweetspot

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



86, 8.762, 142.207



100, 3.083, 142.504



87, 6.703, 105.928



53, 1.753, 142.514



0, 0.000, 0.000



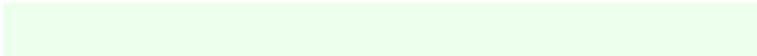
53, 0.007, 296.813

Same Dimension

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



86, 8.762, 142.207



98, 12.419, 142.108



86, 6.649, 158.989



45, 7.805, 142.026



62, 89.305, 135.692



15, 33.057, 138.883

Inverse Universe

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



84, 8.789, 322.804



95, 12.454, 322.894



84, 6.697, 339.847



43, 7.827, 322.966



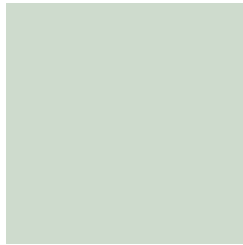
39, 86.911, 325.459



6, 34.284, 325.715

Previews

White Background



This preview shows how the CIELCh color 86, 8.760, 142.206 looks on a white background.

Color Contrast Check

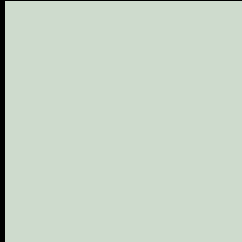
Large Text (above 18pt) WCAG AA × Fail

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 86, 8.760, 142.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

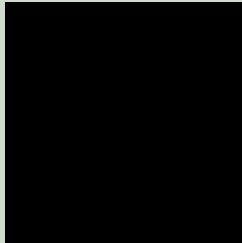
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

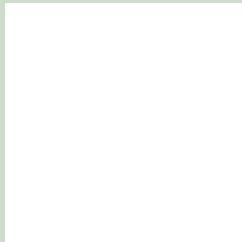
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.760, 142.206

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.760, 142.206.

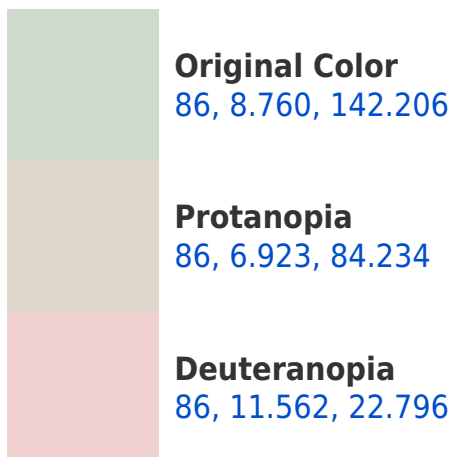


This preview shows how white text looks on a background with the CIELCh color 86, 8.760, 142.206.

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, 9.057, 279.900

Trichromacy



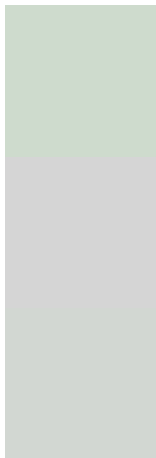
Original Color
86, 8.760, 142.206

Protanomaly
86, 6.790, 109.592

Deuteranomaly
86, 6.363, 49.158

Tritanomaly
86, 4.193, 248.146

Monochromacy



Original Color
86, 8.760, 142.206

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.197, 144.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.760, 142.206 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(206, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 205)  
}
```

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(206, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.760, 142.206 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(206, 219, 205) }
```

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

```
.border{ border-color:rgb(206, 219, 205) }
```

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

Here you see how a box with a 4 pixel rgb(206, 219, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.760, 142.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 205) }
```

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

```
.background{ background-color: rgb(206,  
219, 205) }
```

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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