

Converting Colors

CIELCh(86, 5.040, 144.449)

Have a look what the booklet for
CIELCh(86, 5.040, 144.449) contains.

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Color

CIELCh(86, 5.117, 144.288)

Conversions

Conversions Part 1

Format	Color
Hex	D1D9D1
RGB	209, 217, 209
RGB Percent	82%, 85%, 82%
CMY	0.1793, 0.1479, 0.1793
CMYK	0.04, 0.00, 0.04, 0.15
HSL	120°, 10%, 84%
HSV	120°, 4%, 85%
XYZ	62.8050, 67.9871, 70.3183
YIQ	213.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

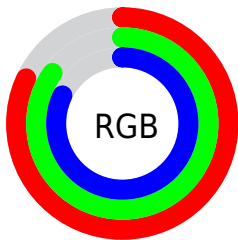
Format	Color
RYB	209, 217, 217
Decimal	13752785
CIELab	86.00, -4.15, 2.99
CIELCh	86, 5.117, 144.288
Yxy	67.9871, 0.3123, 0.3381
Android (android.graphics.Color)	4291942865 (0xFFD1D9D1)
YUV	213.6960, -2.3151, -4.1184
Hunter-Lab	82.4543, -8.3326, 7.1546

Details

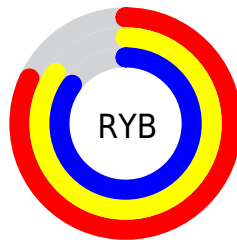
The CIELCh color **86, 5.117, 144.288** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.138, 324.590**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 4.731, 144.250** is the 20% darker color. If you saturate the color by 10%, you get **84, 19.163, 143.620**, and if you desaturate by 10%, it is **88, 8.716, 324.735**.

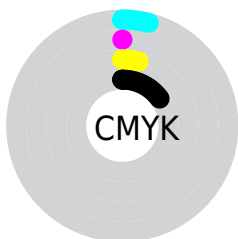
Distribution



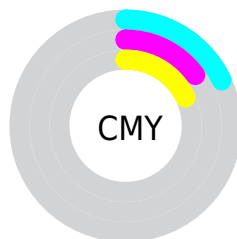
- Red (82%)
- Green (85%)
- Blue (82%)



- Red (82%)
- Yellow (85%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.117, 144.288 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, 5.117, 144.288 by changing the saturation by 10% instead.

■ 86, 5.117, 144.288

■ 86, 5.117, 144.288

■ 100, 5.117,
144.288

■ 76, 5.117, 144.288

■ 66, 5.117, 144.288

■ 56, 5.117, 144.288

■ 46, 5.117, 144.288

■ 36, 5.117, 144.288

■ 26, 5.117, 144.288

■ 16, 5.117, 144.288

■ 6, 5.117, 144.288

■ 0, 5.117, 144.288

86, 5.117, 144.288

86, 5.117, 144.288

84, 19.163,
143.620

88, 8.716, 324.735

82, 33.252,
142.873

91, 22.234,
325.204

81, 47.161,
142.009

91, 23.617,
325.247


79, 60.590,
141.022

78, 73.154,
139.933

77, 84.386,
138.792

77, 93.737,
137.700

76, 100.644,
136.798

 76,104.722,
136.224

Harmonies

Complementary

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



86, 5.117, 144.288



85, 5.138, 324.590

Rectangle

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



86, 5.117, 144.288



86, 5.117, 194.288



86, 5.117, 324.288



86, 5.117, 14.288

Sweetspot

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



86, 5.119, 144.288



100, 1.571, 144.583



87, 4.174, 109.810



53, 0.893, 144.596



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, 5.119, 144.288



99, 6.331, 144.263



86, 3.579, 163.471



46, 3.978, 144.216



62, 89.703, 136.016



15, 33.724, 140.235

Inverse Universe

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



85, 5.138, 324.590



97, 6.352, 324.614



85, 3.608, 343.832



45, 3.990, 324.659



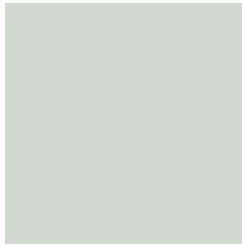
41, 86.549, 328.233



7, 34.556, 328.173

Previews

White Background



This preview shows how the CIELCh color 86, 5.117, 144.288 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, 5.117, 144.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

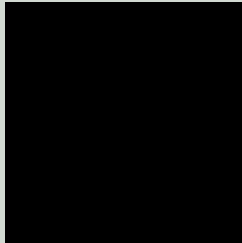
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

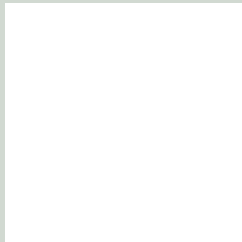
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.117, 144.288

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.117, 144.288.

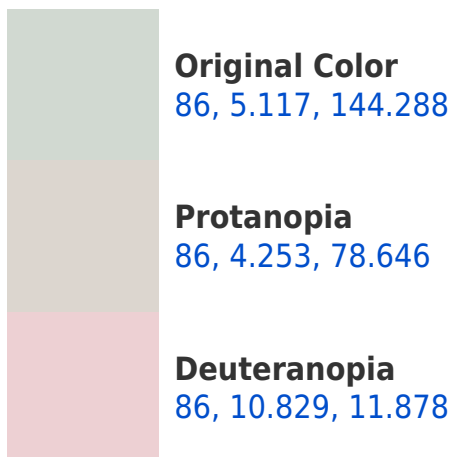


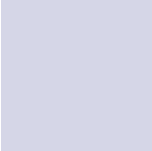
This preview shows how white text looks on a background with the CIELCh color 86, 5.117, 144.288.

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, 8.929, 288.698

Trichromacy



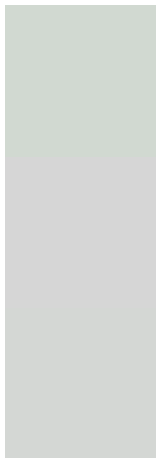
Original Color
86, 5.117, 144.288

Protanomaly
86, 3.670, 104.137

Deuteranomaly
86, 5.899, 24.816

Tritanomaly
86, 4.318, 276.324

Monochromacy



Original Color
86, 5.117, 144.288

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.913, 144.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.117, 144.288 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, 217, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 209)  
}
```

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, 217, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.117, 144.288 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, 217, 209) }
```

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

```
.border{ border-color:rgb(209, 217, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.117, 144.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 209) }
```

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

```
.background{ background-color: rgb(209,  
217, 209) }
```

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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