

Converting Colors

CIE LCh(86, 2.113, 247.883)

Have a look what the booklet for
CIELCh(86, 2.113, 247.883) contains.

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Color

CIELCh(86, 2.112, 247.882)

Conversions

Conversions Part 1

Format	Color
Hex	D4D8DB
RGB	212, 216, 219
RGB Percent	83%, 85%, 86%
CMY	0.1699, 0.1542, 0.1425
CMYK	0.03, 0.01, 0.00, 0.14
HSL	206°, 9%, 84%
HSV	206°, 3%, 86%
XYZ	64.2697, 67.9871, 76.5248
YIQ	215.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

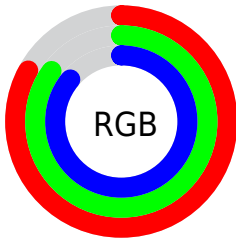
Format	Color
R _Y B	212, 215, 219
Decimal	13949147
CIE Lab	86.00, -0.80, -1.96
CIE LCh	86, 2.112, 247.882
Yxy	67.9871, 0.3078, 0.3256
Android (android.graphics.Color)	4292139227 (0xFFD4D8DB)
YUV	215.1460, 1.9000, -2.7590
Hunter-Lab	82.4543, -5.1617, 2.6917

Details

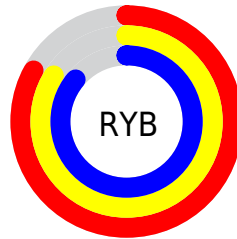
The CIELCh color $86, 2.112, 247.882$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 2.123, 66.692$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 2.225, 247.947$ is the 20% darker color. If you saturate the color by 10%, you get $82, 8.599, 248.925$, and if you desaturate by 10%, it is $90, 4.500, 66.451$.

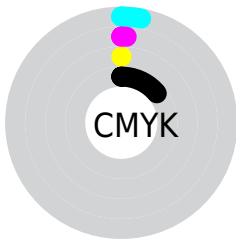
Distribution



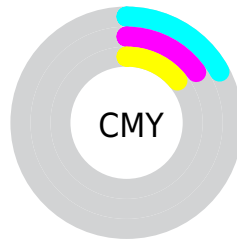
- Red (83%)
- Green (85%)
- Blue (86%)



- Red (83%)
- Yellow (84%)
- Blue (86%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 2.112, 247.882 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, 2.112, 247.882 by changing the saturation by 10% instead.

■ 86, 2.112, 247.882

■ 86, 2.112, 247.882

■ 100, 2.112,
247.882

■ 76, 2.112, 247.882

■ 66, 2.112, 247.882

■ 56, 2.112, 247.882

■ 46, 2.112, 247.882

■ 36, 2.112, 247.882

■ 26, 2.112, 247.882

■ 16, 2.112, 247.882

■ 6, 2.112, 247.882

■ 0, 2.112, 247.882

86, 2.112, 247.882

86, 2.112, 247.882

82, 8.599, 248.925

90, 4.500, 66.451

78, 14.921,
250.427

94, 11.093, 66.185

74, 21.035,
252.262

96, 13.436, 91.185

70, 26.900,
254.490

99, 17.452,
106.572

67, 32.489,
257.180

99, 18.369,
108.788

63, 37.798,
260.401

60, 42.865,
264.192

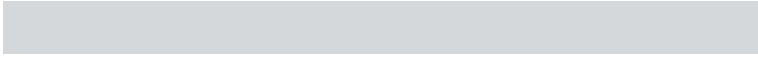
57, 47.777,
268.537

■ 54, 52.669,
273.328

Harmonies

Complementary

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



86, 2.112, 247.882



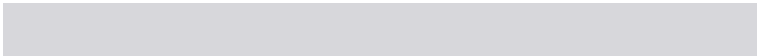
86, 2.123, 66.692

Rectangle

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



86, 2.112, 247.882



86, 2.112, 297.882



86, 2.112, 67.882



86, 2.112, 117.882

Sweetspot

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



86, 2.111, 247.822



100, 0.754, 248.035



87, 3.316, 159.299



53, 0.429, 248.064



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

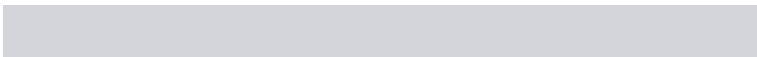
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 2.111, 247.822



98, 2.985, 247.875



85, 3.384, 286.962



45, 1.872, 247.931



41, 46.531, 275.800



9, 16.153, 265.291

Inverse Universe

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



85, 3.312, 340.091



97, 4.691, 340.180



87, 3.346, 106.241



45, 2.947, 340.247



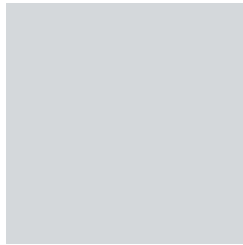
38, 64.752, 355.182



6, 25.933, 349.367

Previews

White Background



This preview shows how the CIELCh color 86, 2.112, 247.882 looks on a white background.

Color Contrast Check

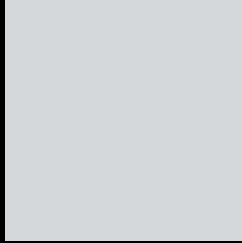
Large Text (above 18pt) WCAG AA × Fail

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, 2.112, 247.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

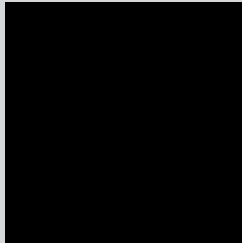
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

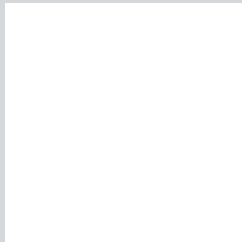
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 2.112, 247.882

Background



This preview shows how black text looks on a background with the CIELCh color 86, 2.112, 247.882.

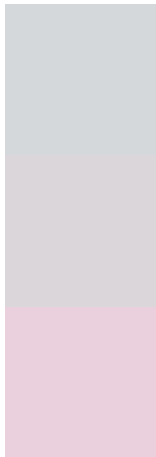


This preview shows how white text looks on a background with the CIELCh color 86, 2.112, 247.882.

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, 2.112, 247.882

Protanopia

86, 2.566, 324.435

Deuteranopia

86, 11.065, 345.625



Tritanopia
86, 8.927, 290.934

Trichromacy



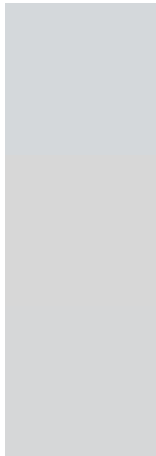
Original Color
86, 2.112, 247.882

Protanomaly
86, 1.627, 303.082

Deuteranomaly
86, 6.948, 337.083

Tritanomaly
86, 6.327, 284.342

Monochromacy



Original Color
86, 2.112, 247.882

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 0.639, 256.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 2.112, 247.882 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(212, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(212, 216, 219)  
}
```

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(212, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 216, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 2.112, 247.882 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(212, 216, 219) }
```

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

```
.border{ border-color:rgb(212, 216, 219) }
```

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

Here you see how a box with a 4 pixel rgb(212, 216, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 216,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 2.112, 247.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 216, 219) }
```

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

```
.background{ background-color: rgb(212,  
216, 219) }
```

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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