

Converting Colors

CIELCh(86, 4.342, 230.064)

Have a look what the booklet for
CIELCh(86, 4.342, 230.064) contains.

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Color

CIELCh(86, 4.379, 227.968)

Conversions

Conversions Part 1

Format	Color
Hex	CED9DD
RGB	206, 217, 221
RGB Percent	81%, 85%, 87%
CMY	0.1920, 0.1489, 0.1332
CMYK	0.07, 0.02, 0.00, 0.13
HSL	196°, 18%, 84%
HSV	196°, 7%, 87%
XYZ	63.3355, 67.9871, 78.2102
YIQ	214.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

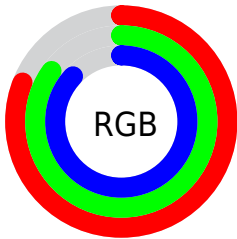
Format	Color
R _Y B	206, 212, 221
Decimal	13556189
CIE Lab	86.00, -2.93, -3.25
CIE LCh	86, 4.379, 227.968
Yxy	67.9871, 0.3023, 0.3245
Android (android.graphics.Color)	4291746269 (0xFFCED9DD)
YUV	214.1670, 3.3687, -7.1625
Hunter-Lab	82.4543, -7.1840, 1.4798

Details

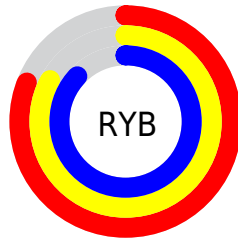
The CIELCh color $86, 4.379, 227.968$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 4.547, 46.953$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 4.282, 230.455$ is the 20% darker color. If you saturate the color by 10%, you get $83, 10.575, 228.598$, and if you desaturate by 10%, it is $89, 2.108, 46.988$.

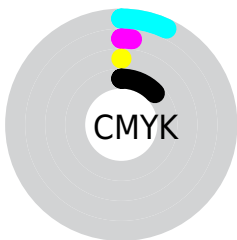
Distribution



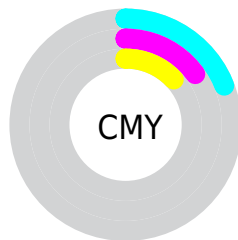
- Red (81%)
- Green (85%)
- Blue (87%)



- Red (81%)
- Yellow (83%)
- Blue (87%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 4.379, 227.968 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, 4.379, 227.968 by changing the saturation by 10% instead.

■ 86, 4.379, 227.968

■ 86, 4.379, 227.968

■ 100, 4.379,
227.968

■ 76, 4.379, 227.968

■ 66, 4.379, 227.968

■ 56, 4.379, 227.968

■ 46, 4.379, 227.968

■ 36, 4.379, 227.968

■ 26, 4.379, 227.968

■ 16, 4.379, 227.968

■ 6, 4.379, 227.968

■ 0, 4.379, 227.968

86, 4.379, 227.968

86, 4.379, 227.968

83, 10.575,
228.598

89, 2.108, 46.988

80, 16.402,
229.538

92, 8.819, 46.771

77, 21.775,
230.774

94, 10.244, 62.763

74, 26.608,
232.373

97, 13.314, 95.561

72, 30.826,
234.419

99, 15.905,
105.481

69, 34.384,
237.004

99, 17.181,
108.878

67, 37.280,
240.219

65, 39.586,
244.128

■ 63, 41.462,
248.711

Harmonies

Complementary

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



86, 4.379, 227.968



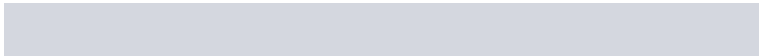
85, 4.547, 46.953

Rectangle

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



86, 4.379, 227.968



86, 4.379, 277.968



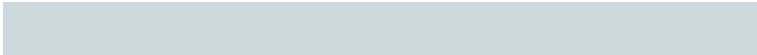
86, 4.379, 47.968



86, 4.379, 97.968

Sweetspot

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



86, 4.379, 227.940



99, 1.466, 227.953



87, 8.038, 151.932



53, 0.834, 227.969



0, 0.000, 0.000



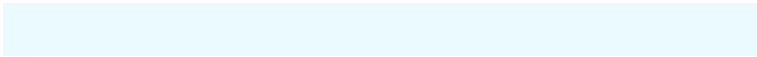
53, 0.007, 296.813

Same Dimension

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



86, 4.379, 227.940



97, 5.780, 228.003



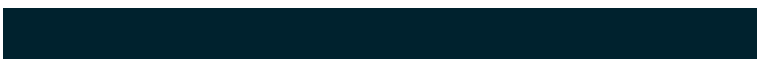
84, 6.057, 278.090



45, 3.618, 228.079



50, 34.890, 249.356



11, 13.377, 239.810

Inverse Universe

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



84, 7.975, 333.366



95, 10.567, 333.459



87, 6.015, 96.402



43, 6.642, 333.556



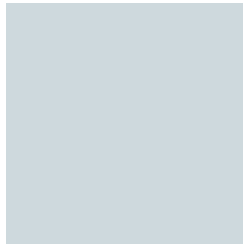
39, 70.737, 342.397



6, 28.666, 339.400

Previews

White Background



This preview shows how the CIELCh color 86, 4.379, 227.968 looks on a white background.

Color Contrast Check

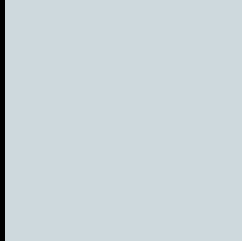
Large Text (above 18pt) WCAG AA × Fail

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, 4.379, 227.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

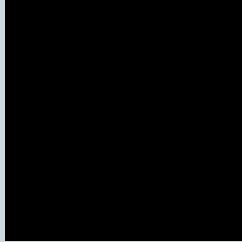
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

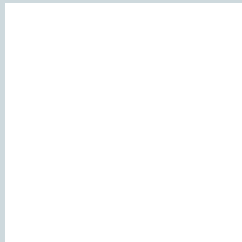
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 4.379, 227.968

Background



This preview shows how black text looks on a background with the CIELCh color 86, 4.379, 227.968.

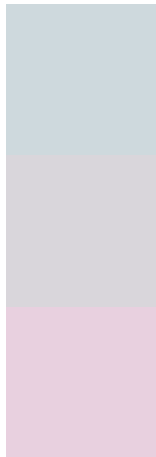


This preview shows how white text looks on a background with the CIELCh color 86, 4.379, 227.968.

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, 4.379, 227.968

Protanopia

86, 2.856, 312.521

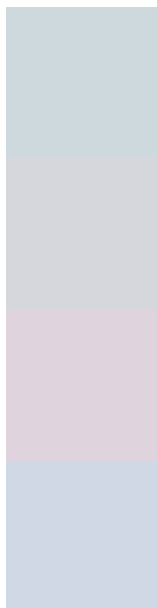
Deuteranopia

86, 11.736, 338.220



Tritanopia
86, 9.200, 275.675

Trichromacy



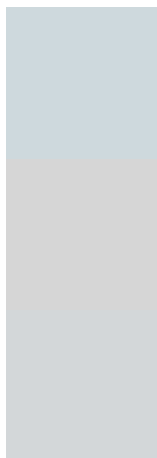
Original Color
86, 4.379, 227.968

Protanomaly
86, 2.714, 275.214

Deuteranomaly
86, 7.245, 327.038

Tritanomaly
86, 6.979, 264.020

Monochromacy



Original Color
86, 4.379, 227.968

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.765, 236.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 4.379, 227.968 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, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 221)  
}
```

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, 217, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 4.379, 227.968 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, 217, 221) }
```

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

```
.border{ border-color:rgb(206, 217, 221) }
```

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

Here you see how a box with a 4 pixel rgb(206, 217, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 4.379, 227.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 221) }
```

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

```
.background{ background-color: rgb(206,  
217, 221) }
```

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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