

Converting Colors

CIELCh(86, 7.733, 251.323)

Have a look what the booklet for
CIELCh(86, 7.733, 251.323) contains.

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Color

CIELCh(86, 7.858, 252.645)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBD9E5</code>
RGB	<code>203, 217, 229</code>
RGB Percent	<code>80%, 85%, 90%</code>
CMY	<code>0.2039, 0.1490, 0.1019</code>
CMYK	<code>0.11, 0.05, 0.00, 0.10</code>
HSL	<code>208°, 33%, 85%</code>
HSV	<code>208°, 11%, 90%</code>
XYZ	<code>63.5917, 67.9871, 83.9074</code>
YIQ	<code>214.1820, -12.1960, 0.7640</code>

Conversions

Conversions Part 2

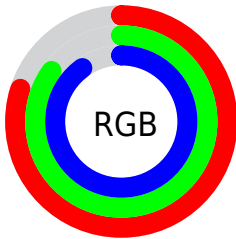
Format	Color
R _Y B	203, 212, 229
Decimal	13359589
CIE Lab	86.00, -2.34, -7.50
CIE LCh	86, 7.858, 252.645
Yxy	67.9871, 0.2951, 0.3155
Android (android.graphics.Color)	4291549669 (0xFFCBD9E5)
YUV	214.1820, 7.3053, -9.8066
Hunter-Lab	82.4543, -6.6295, -2.6169

Details

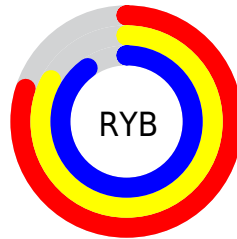
The CIELCh color `86, 7.858, 252.645` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 8.136, 69.751`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 8.045, 255.150` is the 20% darker color. If you saturate the color by 10%, you get `82, 14.642, 254.149`, and if you desaturate by 10%, it is `90, 0.949, 251.747`.

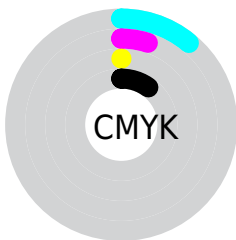
Distribution



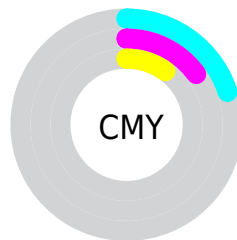
- Red (80%)
- Green (85%)
- Blue (90%)



- Red (80%)
- Yellow (83%)
- Blue (90%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 7.858, 252.645 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, 7.858, 252.645 by changing the saturation by 10% instead.

■ 86, 7.858, 252.645

■ 86, 7.858, 252.645

■ 100, 7.858,
252.645

■ 76, 7.858, 252.645

■ 66, 7.858, 252.645

■ 56, 7.858, 252.645

■ 46, 7.858, 252.645

■ 36, 7.858, 252.645

■ 26, 7.858, 252.645

■ 16, 7.858, 252.645

■ 6, 7.858, 252.645

■ 0, 7.858, 252.645

86, 7.858, 252.645

86, 7.858, 252.645

82, 14.642,
254.149

90, 0.949, 251.747

77, 21.268,
255.992

95, 6.046, 70.121

98, 10.259, 96.551

73, 27.699,
258.212

99, 13.152,
109.184

69, 33.915,
260.876

65, 39.916,
264.044

61, 45.741,
267.751

58, 51.476,
271.978

54, 57.244,
276.618

■ 52, 62.384,
280.722

Harmonies

Complementary

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



86, 7.858, 252.645



87, 8.136, 69.751

Rectangle

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



86, 7.858, 252.645



86, 7.858, 302.645



86, 7.858, 72.645



86, 7.858, 122.645

Sweetspot

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



86, 7.857, 252.631



99, 2.285, 251.692



89, 11.964, 160.164



52, 1.730, 251.747



0, 0.000, 0.000



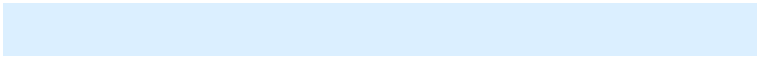
53, 0.007, 296.813

Same Dimension

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



86, 7.857, 252.631



93, 10.547, 253.015



83, 13.077, 289.347



46, 3.944, 252.379



41, 50.988, 279.885



9, 18.519, 270.852

Inverse Universe

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



84, 12.013, 342.520



91, 16.209, 342.764



90, 12.772, 106.957



45, 6.008, 342.351



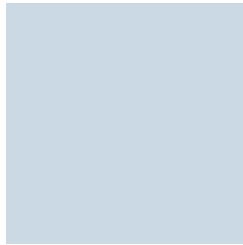
39, 65.417, 358.279



7, 28.032, 352.070

Previews

White Background



This preview shows how the CIELCh color 86, 7.858, 252.645 looks on a white background.

Color Contrast Check

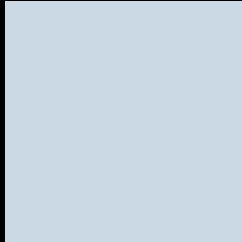
Large Text (above 18pt) WCAG AA × Fail

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, 7.858, 252.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

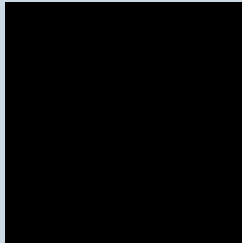
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

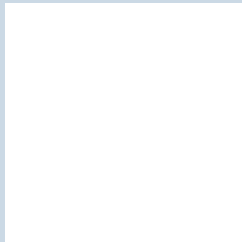
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 7.858, 252.645

Background



This preview shows how black text looks on a background with the CIELCh color 86, 7.858, 252.645.

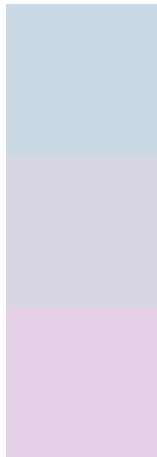


This preview shows how white text looks on a background with the CIELCh color 86, 7.858, 252.645.

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

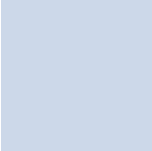
86, 7.858, 252.645

Protanopia

86, 6.843, 293.709

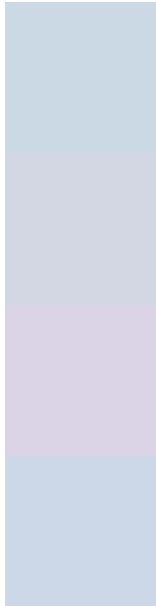
Deuteranopia

86, 13.436, 321.107



Tritanopia
86, 9.743, 265.891

Trichromacy



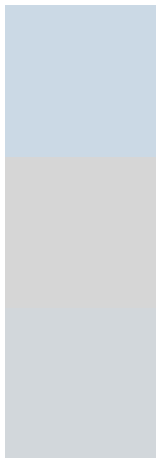
Original Color
86, 7.858, 252.645

Protanomaly
86, 6.942, 279.132

Deuteranomaly
86, 9.810, 305.488

Tritanomaly
86, 9.276, 264.432

Monochromacy



Original Color
86, 7.858, 252.645

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.734, 249.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 7.858, 252.645 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(203, 217, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 229)  
}
```

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(203, 217, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 7.858, 252.645 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(203, 217, 229) }
```

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

```
.border{ border-color:rgb(203, 217, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 7.858, 252.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 229) }
```

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

```
.background{ background-color: rgb(203,  
217, 229) }
```

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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