

Converting Colors

CIELCh(86, 8.857, 212.646)

Have a look what the booklet for
CIELCh(86, 8.857, 212.646) contains.

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Color

CIELCh(86, 8.860, 212.629)

Conversions

Conversions Part 1

Format	Color
Hex	C3DCE0
RGB	195, 220, 224
RGB Percent	76%, 86%, 88%
CMY	0.2363, 0.1382, 0.1226
CMYK	0.13, 0.02, 0.00, 0.12
HSL	188°, 32%, 82%
HSV	188°, 13%, 88%
XYZ	61.3851, 67.9871, 80.2245
YIQ	212.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

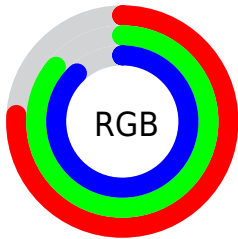
Format	Color
R _Y B	195, 208, 224
Decimal	12836064
CIE Lab	86.00, -7.46, -4.78
CIE LCh	86, 8.860, 212.629
Yxy	67.9871, 0.2929, 0.3244
Android (android.graphics.Color)	4291026144 (0xFFC3DCE0)
YUV	212.9810, 5.4324, -15.7693
Hunter-Lab	82.4543, -11.4064, 0.0313

Details

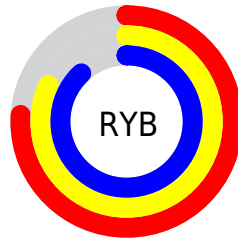
The CIELCh color `86, 8.860, 212.629` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 9.649, 32.628`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `66, 8.897, 213.217` is the 20% darker color. If you saturate the color by 10%, you get `84, 15.213, 212.735`, and if you desaturate by 10%, it is `88, 2.076, 212.811`.

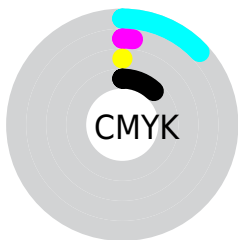
Distribution



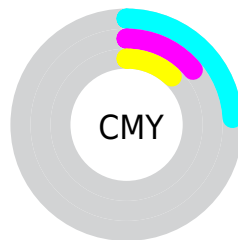
- Red (76%)
- Green (86%)
- Blue (88%)



- Red (76%)
- Yellow (82%)
- Blue (88%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.860, 212.629 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, 8.860, 212.629 by changing the saturation by 10% instead.

■ 86, 8.860, 212.629

■ 86, 8.860, 212.629

■ 100, 8.860,
212.629

■ 76, 8.860, 212.629

■ 66, 8.860, 212.629

■ 56, 8.860, 212.629

■ 46, 8.860, 212.629

■ 36, 8.860, 212.629

■ 26, 8.860, 212.629

■ 16, 8.860, 212.629

■ 6, 8.860, 212.629

■ 0, 8.860, 212.629

86, 8.860, 212.629

86, 8.860, 212.629

84, 15.213,
212.735

88, 2.076, 212.811

82, 21.026,
213.023

91, 5.041, 32.466

80, 26.184,
213.507

93, 9.906, 35.752

78, 30.577,
214.229

94, 9.426, 46.785

76, 34.113,
215.242

94, 9.328, 58.494

75, 36.738,
216.604

95, 9.623, 69.937

74, 38.449,
218.375

96, 10.272, 80.288

73, 39.321,
220.605

97, 11.214, 89.128

97, 12.379, 96.425

■ 72, 39.584,
222.413

Harmonies

Complementary

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



86, 8.860, 212.629



82, 9.649, 32.628

Rectangle

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



86, 8.860, 212.629



86, 8.860, 262.629



86, 8.860, 32.629



86, 8.860, 82.629

Sweetspot

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



86, 8.861, 212.617



99, 3.113, 212.733



86, 16.932, 147.492



53, 2.208, 212.698



0, 0.000, 0.000



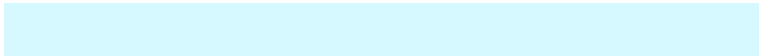
53, 0.007, 296.813

Same Dimension

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



86, 8.861, 212.617



96, 12.052, 212.636



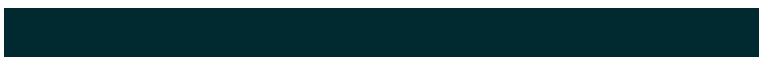
82, 10.319, 270.165



46, 3.929, 212.619



58, 33.103, 221.943



15, 13.740, 217.250

Inverse Universe

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



82, 16.917, 329.203



90, 23.257, 329.398



86, 10.392, 86.698



44, 7.415, 328.984



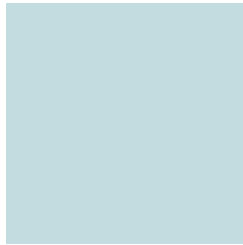
40, 78.572, 334.578



7, 32.733, 333.396

Previews

White Background



This preview shows how the CIELCh color 86, 8.860, 212.629 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, 8.860, 212.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

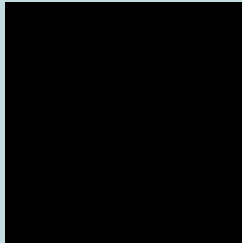
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

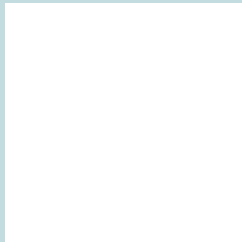
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.860, 212.629

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.860, 212.629.

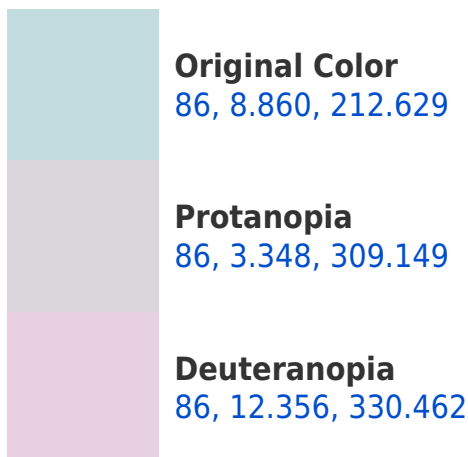


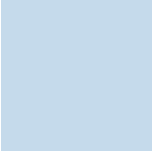
This preview shows how white text looks on a background with the CIELCh color 86, 8.860, 212.629.

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, 11.266, 251.672

Trichromacy



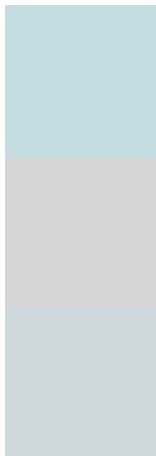
Original Color
86, 8.860, 212.629

Protanomaly
86, 3.580, 246.632

Deuteranomaly
86, 7.088, 305.221

Tritanomaly
86, 9.942, 238.436

Monochromacy



Original Color
86, 8.860, 212.629

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.352, 217.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.860, 212.629 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(195, 220, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 220, 224)  
}
```

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(195, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 220, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.860, 212.629 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(195, 220, 224) }
```

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

```
.border{ border-color:rgb(195, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 220,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.860, 212.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 220, 224) }
```

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

```
.background{ background-color: rgb(195,  
220, 224) }
```

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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