

Converting Colors

CIELCh(86, 6.086, 215.601)

Have a look what the booklet for
CIELCh(86, 6.086, 215.601) contains.

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Color

CIELCh(86, 6.271, 218.699)

Conversions

Conversions Part 1

Format	Color
Hex	C9DADE
RGB	201, 218, 222
RGB Percent	79%, 85%, 87%
CMY	0.2109, 0.1442, 0.1286
CMYK	0.09, 0.02, 0.00, 0.13
HSL	191°, 24%, 83%
HSV	191°, 9%, 87%
XYZ	62.4856, 67.9871, 79.0888
YIQ	213.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

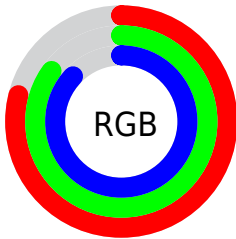
Format	Color
RYB	201, 210, 222
Decimal	13228766
CIELab	86.00, -4.89, -3.92
CIElCh	86, 6.271, 218.699
Yxy	67.9871, 0.2982, 0.3244
Android (android.graphics.Color)	4291418846 (0xFFC9DADE)
YUV	213.3730, 4.2531, -10.8511
Hunter-Lab	82.4543, -9.0239, 0.8480

Details

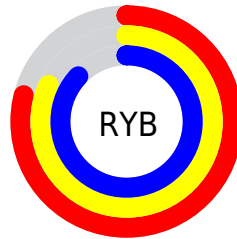
The CIELCh color `86, 6.271, 218.699` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 6.655, 38.139`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 6.229, 219.908` is the 20% darker color. If you saturate the color by 10%, you get `83, 12.547, 219.014`, and if you desaturate by 10%, it is `89, 0.370, 36.753`.

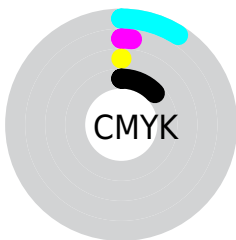
Distribution



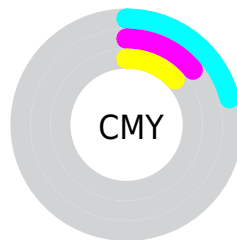
- Red (79%)
- Green (85%)
- Blue (87%)



- Red (79%)
- Yellow (82%)
- Blue (87%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.271, 218.699 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, 6.271, 218.699 by changing the saturation by 10% instead.

■ 86, 6.271, 218.699

■ 86, 6.271, 218.699

■ 100, 6.271,
218.699

■ 76, 6.271, 218.699

■ 66, 6.271, 218.699

■ 56, 6.271, 218.699

■ 46, 6.271, 218.699

■ 36, 6.271, 218.699

■ 26, 6.271, 218.699

■ 16, 6.271, 218.699

■ 6, 6.271, 218.699

■ 0, 6.271, 218.699

86, 6.271, 218.699

86, 6.271, 218.699

83, 12.547,
219.014

89, 0.370, 36.753

81, 18.361,
219.562

91, 7.292, 38.139

79, 23.611,
220.349

93, 9.915, 46.567

76, 28.192,
221.430

94, 9.851, 61.835

74, 32.014,
222.875

95, 10.473, 76.227

73, 35.017,
224.761

96, 11.666, 88.290

71, 37.190,
227.172

97, 13.273, 97.732

69, 38.593,
230.179

99, 15.157,
104.939

99, 16.581,
108.924

■ 68, 39.425,
233.753

Harmonies

Complementary

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



86, 6.271, 218.699



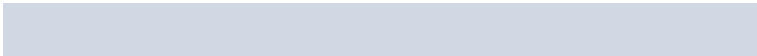
84, 6.655, 38.139

Rectangle

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



86, 6.271, 218.699



86, 6.271, 268.699



86, 6.271, 38.699



86, 6.271, 88.699

Sweetspot

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



86, 6.271, 218.680



99, 2.262, 218.708



87, 11.825, 149.371



53, 1.711, 218.666



0, 0.000, 0.000



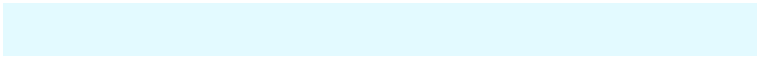
53, 0.007, 296.813

Same Dimension

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



86, 6.271, 218.680



97, 8.126, 218.718



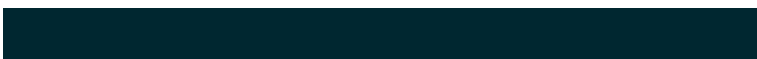
83, 7.888, 273.692



46, 3.798, 218.680



55, 33.116, 233.306



14, 13.541, 226.567

Inverse Universe

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



83, 11.801, 330.748



93, 15.371, 330.855



86, 7.876, 91.239



44, 7.146, 330.748



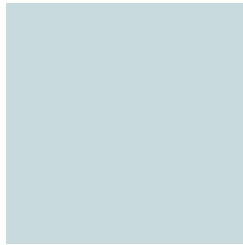
40, 75.499, 337.533



7, 31.585, 335.738

Previews

White Background



This preview shows how the CIELCh color 86, 6.271, 218.699 looks on a white background.

Color Contrast Check

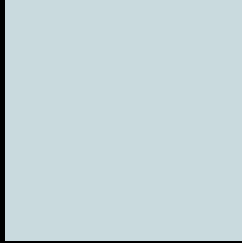
Large Text (above 18pt) WCAG AA × Fail

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, 6.271, 218.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

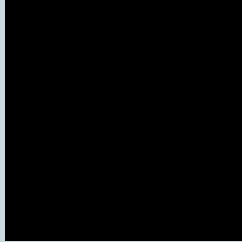
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

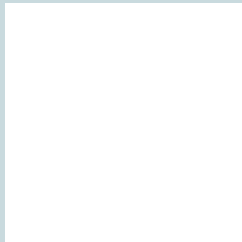
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.271, 218.699

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.271, 218.699.

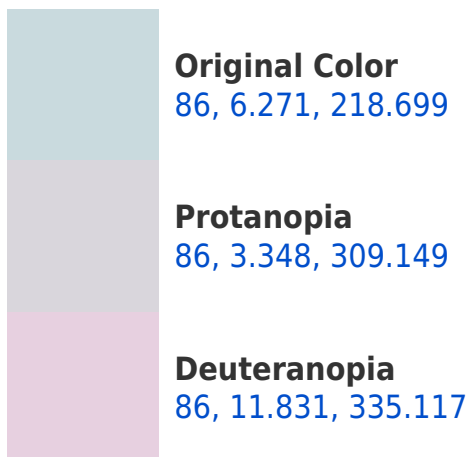


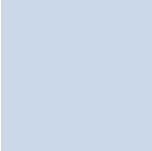
This preview shows how white text looks on a background with the CIELCh color 86, 6.271, 218.699.

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](#).

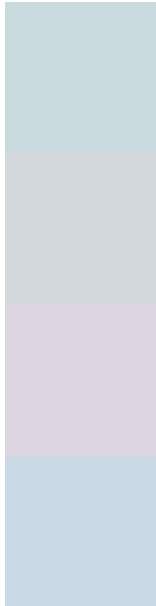
Dichromacy





Tritanopia
86, 10.349, 265.489

Trichromacy



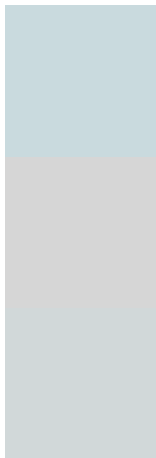
Original Color
86, 6.271, 218.699

Protanomaly
86, 3.146, 256.109

Deuteranomaly
86, 6.482, 316.766

Tritanomaly
86, 8.466, 253.076

Monochromacy



Original Color
86, 6.271, 218.699

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.544, 211.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.271, 218.699 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(201, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(201, 218, 222)  
}
```

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(201, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 218, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.271, 218.699 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(201, 218, 222) }
```

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

```
.border{ border-color:rgb(201, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(201, 218,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.271, 218.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 218, 222) }
```

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

```
.background{ background-color: rgb(201,  
218, 222) }
```

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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