

Converting Colors

CIELCh(86, 9.712, 258.297)

Have a look what the booklet for
CIELCh(86, 9.712, 258.297) contains.

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Color

CIELCh(86, 9.739, 259.005)

Conversions

Conversions Part 1

Format	Color
Hex	CAD9E9
RGB	202, 217, 233
RGB Percent	79%, 85%, 91%
CMY	0.2083, 0.1494, 0.0867
CMYK	0.13, 0.07, 0.00, 0.09
HSL	211°, 41%, 85%
HSV	211°, 13%, 91%
XYZ	63.8041, 67.9871, 86.7673
YIQ	214.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

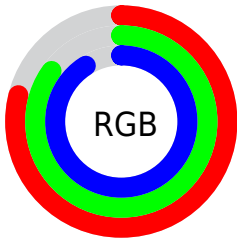
Format	Color
RYB	202, 212, 233
Decimal	13294057
CIELab	86.00, -1.86, -9.56
CIELCh	86, 9.739, 259.005
Yxy	67.9871, 0.2919, 0.3111
Android (android.graphics.Color)	4291484137 (0xFFCAD9E9)
YUV	214.3390, 9.1999, -10.8213
Hunter-Lab	82.4543, -6.1695, -4.6733

Details

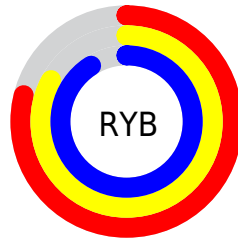
The CIELCh color `86, 9.739, 259.005` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 10.034, 75.440`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 9.590, 259.552` is the 20% darker color. If you saturate the color by 10%, you get `81, 16.982, 260.640`, and if you desaturate by 10%, it is `91, 2.434, 257.713`.

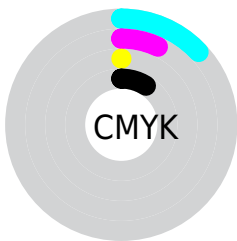
Distribution



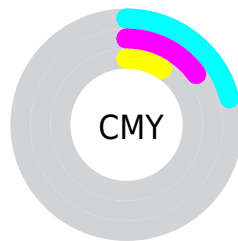
- Red (79%)
- Green (85%)
- Blue (91%)



- Red (79%)
- Yellow (83%)
- Blue (91%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.739, 259.005 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, 9.739, 259.005 by changing the saturation by 10% instead.



86, 9.739, 259.005

86, 9.739, 259.005

81, 16.982,
260.640

91, 2.434, 257.713

77, 24.141,
262.607

95, 4.903, 76.275

72, 31.198,
264.950

99, 10.188,
105.234

68, 38.149,
267.726

99, 11.191,
109.331

63, 45.015,
270.978

59, 51.852,
274.717

55, 58.751,
278.888

51, 65.811,
283.348

■ 49, 70.676,
286.308

Harmonies

Complementary

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



86, 9.739, 259.005



88, 10.034, 75.440

Rectangle

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



86, 9.739, 259.005



86, 9.739, 309.005



86, 9.739, 79.005



86, 9.739, 129.005

Sweetspot

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



86, 9.738, 258.995



98, 3.164, 257.776



90, 13.707, 162.543



52, 2.247, 257.855



0, 0.000, 0.000



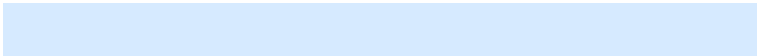
53, 0.007, 296.813

Same Dimension

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



86, 9.738, 258.995



92, 12.586, 259.420



82, 16.443, 291.606



47, 4.187, 258.444



38, 57.573, 285.536



9, 21.166, 277.516

Inverse Universe

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



84, 13.798, 345.648



90, 17.909, 345.916



92, 15.948, 108.886



46, 5.897, 345.284



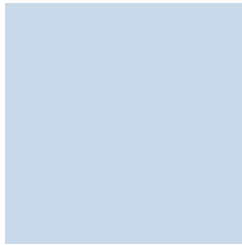
39, 65.398, 3.458



8, 28.464, 356.441

Previews

White Background



This preview shows how the CIELCh color 86, 9.739, 259.005 looks on a white background.

Color Contrast Check

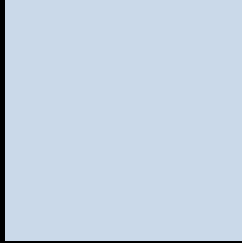
Large Text (above 18pt) WCAG AA × Fail

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, 9.739, 259.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

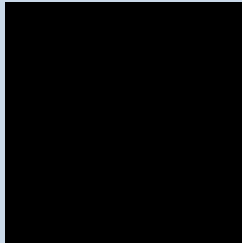
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

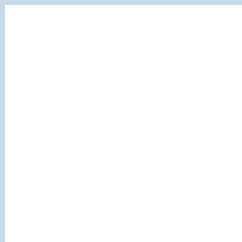
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 9.739, 259.005

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.739, 259.005.



This preview shows how white text looks on a background with the CIELCh color 86, 9.739, 259.005.

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](#).

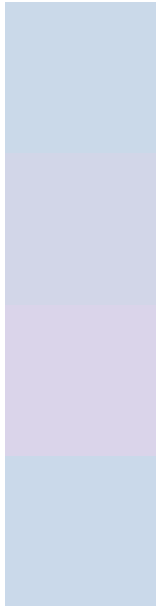
Dichromacy





Tritanopia
86, 10.182, 260.653

Trichromacy



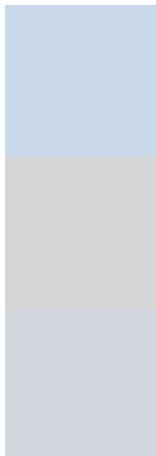
Original Color
86, 9.739, 259.005

Protanomaly
86, 9.530, 282.614

Deuteranomaly
86, 11.782, 301.359

Tritanomaly
86, 10.182, 260.653

Monochromacy



Original Color
86, 9.739, 259.005

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.592, 260.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.739, 259.005 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(202, 217, 233)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 233)  
}
```

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(202, 217, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.739, 259.005 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(202, 217, 233) }
```

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

```
.border{ border-color:rgb(202, 217, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 217, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 233);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.739, 259.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 217, 233) }
```

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

```
.background{ background-color: rgb(202,  
217, 233) }
```

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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