

Converting Colors

CIELCh(86, 8.339, 253.319)

Have a look what the booklet for
CIELCh(86, 8.339, 253.319) contains.

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Color

CIELCh(86, 8.466, 253.076)

Conversions

Conversions Part 1

Format	Color
Hex	CAD9E6
RGB	202, 217, 230
RGB Percent	79%, 85%, 90%
CMY	0.2073, 0.1485, 0.0975
CMYK	0.12, 0.06, 0.00, 0.10
HSL	208°, 36%, 85%
HSV	208°, 12%, 90%
XYZ	63.5391, 67.9871, 84.7326
YIQ	213.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

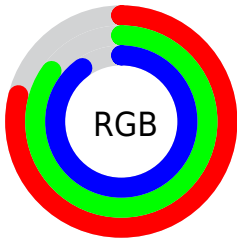
Format	Color
R _Y B	202, 212, 230
Decimal	13294054
CIE Lab	86.00, -2.46, -8.10
CIE LCh	86, 8.466, 253.076
Yxy	67.9871, 0.2938, 0.3144
Android (android.graphics.Color)	4291484134 (0xFFCAD9E6)
YUV	213.9970, 7.8895, -10.5214
Hunter-Lab	82.4543, -6.7433, -3.2102

Details

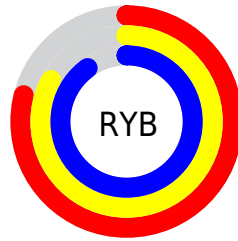
The CIELCh color `86, 8.466, 253.076` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 8.786, 69.967`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 8.683, 255.475` is the 20% darker color. If you saturate the color by 10%, you get `82, 15.283, 254.612`, and if you desaturate by 10%, it is `90, 1.525, 251.984`.

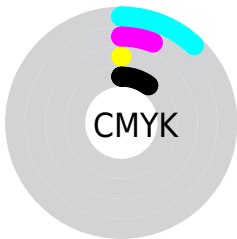
Distribution



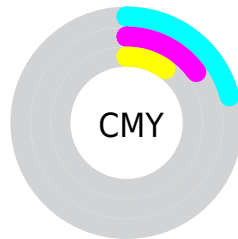
- Red (79%)
- Green (85%)
- Blue (90%)



- Red (79%)
- Yellow (83%)
- Blue (90%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (21%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.466, 253.076 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, 8.466, 253.076 by changing the saturation by 10% instead.

■ 86, 8.466, 253.076

■ 86, 8.466, 253.076

■ 100, 8.466,
253.076

■ 76, 8.466, 253.076

■ 66, 8.466, 253.076

■ 56, 8.466, 253.076

■ 46, 8.466, 253.076

■ 36, 8.466, 253.076

■ 26, 8.466, 253.076

■ 16, 8.466, 253.076

■ 6, 8.466, 253.076

■ 0, 8.466, 253.076

86, 8.466, 253.076

86, 8.466, 253.076

82, 15.283,
254.612

90, 1.525, 251.984

77, 21.941,
256.488

95, 5.503, 70.507

98, 9.894, 97.117

73, 28.407,
258.747

99, 12.586,
109.226

69, 34.661,
261.454

65, 40.708,
264.668

61, 46.591,
268.419

58, 52.399,
272.681

54, 58.258,
277.338

■ 52, 62.990,
281.042

Harmonies

Complementary

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



86, 8.466, 253.076



87, 8.786, 69.967

Rectangle

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



86, 8.466, 253.076



86, 8.466, 303.076



86, 8.466, 73.076



86, 8.466, 123.076

Sweetspot

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



86, 8.465, 253.063



98, 3.047, 252.078



89, 12.876, 160.091



52, 2.164, 252.149



0, 0.000, 0.000



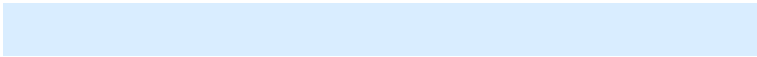
53, 0.007, 296.813

Same Dimension

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



86, 8.465, 253.063



93, 11.313, 253.483



83, 14.093, 289.444



46, 3.952, 252.698



40, 51.275, 280.194



9, 18.606, 271.184

Inverse Universe

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



84, 12.913, 342.736



90, 17.351, 343.000



90, 13.743, 106.874



45, 5.997, 342.494



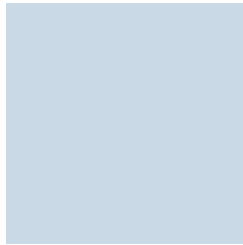
38, 65.367, 358.533



7, 27.999, 352.270

Previews

White Background



This preview shows how the CIELCh color 86, 8.466, 253.076 looks on a white background.

Color Contrast Check

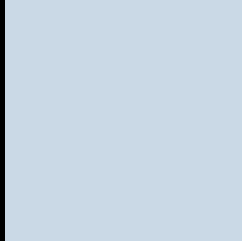
Large Text (above 18pt) WCAG AA × Fail

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, 8.466, 253.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

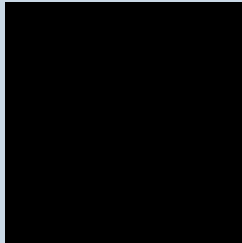
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

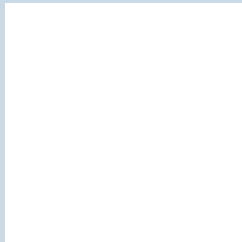
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.466, 253.076

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.466, 253.076.

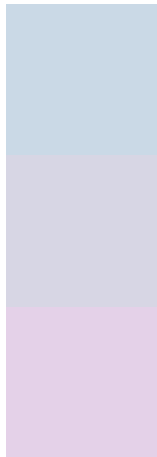


This preview shows how white text looks on a background with the CIELCh color 86, 8.466, 253.076.

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, 8.466, 253.076

Protanopia

86, 7.367, 293.537

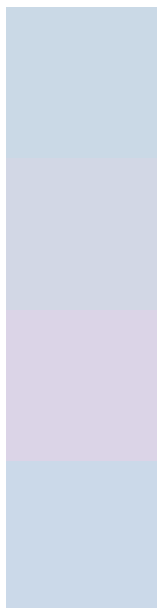
Deuteranopia

86, 13.889, 320.017



Tritanopia
86, 10.024, 262.340

Trichromacy



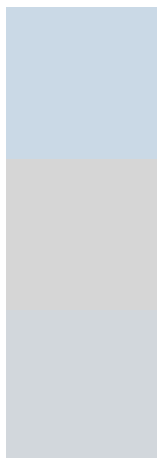
Original Color
86, 8.466, 253.076

Protanomaly
86, 7.522, 277.400

Deuteranomaly
86, 10.319, 304.773

Tritanomaly
86, 9.573, 260.748

Monochromacy



Original Color
86, 8.466, 253.076

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.149, 256.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.466, 253.076 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(202, 217, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 217, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.466, 253.076 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, 230) }
```

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

```
.border{ border-color:rgb(202, 217, 230) }
```

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, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 217, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 217, 230);  
box-shadow:4px 4px 4px 4px rgb(202, 217,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.466, 253.076 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, 230) }
```

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

```
.background{ background-color: rgb(202,  
217, 230) }
```

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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