

Converting Colors

CIELCh(88, 44.268, 286.222)

Have a look what the booklet for
CIELCh(88, 44.268, 286.222)
contains.

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Color

CIELCh(86, 20.768, 273.572)

Conversions

Conversions Part 1

Format	Color
Hex	C4D8FE
RGB	196, 216, 254
RGB Percent	77%, 85%, 100%
CMY	0.2314, 0.1530, 0.0041
CMYK	0.23, 0.15, 0.00, 0.00
HSL	219°, 96%, 88%
HSV	219°, 23%, 100%
XYZ	65.1919, 67.9871, 103.4076
YIQ	214.3520, -24.1180, 7.5780

Conversions

Conversions Part 2

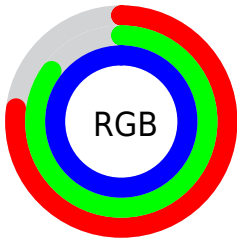
Format	Color
R _Y B	196, 211, 254
Decimal	12900606
CIE Lab	86.00, 1.29, -20.73
CIE LCh	86, 20.768, 273.572
Yxy	67.9871, 0.2756, 0.2874
Android (android.graphics.Color)	4291090686 (0xFFC4D8FE)
YUV	214.3520, 19.5465, -16.0947
Hunter-Lab	82.4543, -3.1652, -16.6388

Details

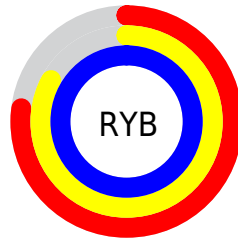
The CIELCh color `86, 20.768, 273.572` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 20.943, 87.223`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.695, 200.315`, and `66, 20.817, 273.537` is the 20% darker color. If you saturate the color by 10%, you get `80, 30.081, 275.474`, and if you desaturate by 10%, it is `92, 11.588, 271.952`.

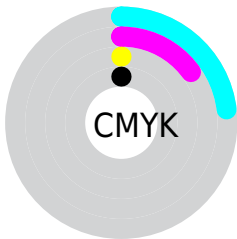
Distribution



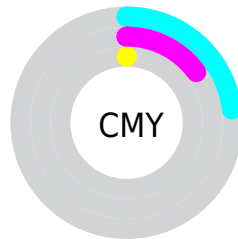
- Red (77%)
- Green (85%)
- Blue (100%)



- Red (77%)
- Yellow (83%)
- Blue (100%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.768, 273.572 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, 20.768, 273.572 by changing the saturation by 10% instead.

■ 86, 20.768,
273.572

■ 86, 20.768,
273.572

■ 100, 20.768,
273.572

■ 76, 20.768,
273.572

■ 66, 20.768,
273.572

■ 56, 20.768,
273.572

■ 46, 20.768,
273.572

■ 36, 20.768,
273.572

■ 26, 20.768,
273.572

■ 16, 20.768,

273.572

■ 6, 20.768, 273.572

■ 0, 20.768, 273.572

■ 86, 20.768,
273.572

■ 86, 20.768,
273.572

■ 80, 30.081,
275.474

■ 92, 11.588,
271.952

■ 74, 39.545,
277.709

■ 98, 2.541, 270.651

■ 68, 49.184,
280.315

100, 0.522,
109.991

■ 63, 59.041,
283.313

■ 57, 69.162,

286.683

■ 52, 79.559,
290.335

■ 47, 90.135,
294.089

■ 44, 97.687,
296.664

Harmonies

Complementary

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



86, 20.768, 273.572



93, 20.943, 87.223

Rectangle

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



86, 20.768, 273.572



86, 20.768, 323.572



86, 20.768, 93.572



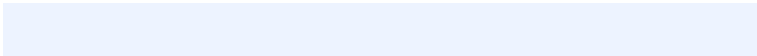
86, 20.768, 143.572

Sweetspot

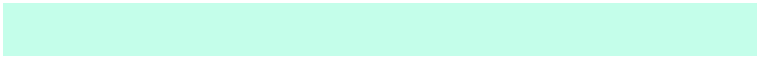
The Sweet Spot groups the original color and five complimentary colors.



86, 20.767, 273.569



96, 6.324, 271.137



95, 22.502, 170.393



51, 4.110, 271.216



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, 20.767, 273.569



84, 24.722, 274.328



82, 31.012, 298.066



50, 5.144, 271.475



33, 77.517, 296.026



8, 31.090, 290.785

Inverse Universe

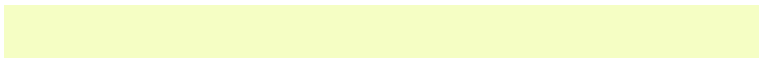
The Inverse Universe completely reimagines the original color for something new.



85, 23.731, 355.264



82, 28.325, 355.794



98, 29.446, 114.337



50, 5.801, 353.760



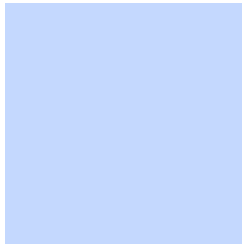
40, 69.351, 17.093



10, 31.319, 9.392

Previews

White Background



This preview shows how the CIE LCh color 86, 20.768, 273.572 looks on a white background.

Color Contrast Check

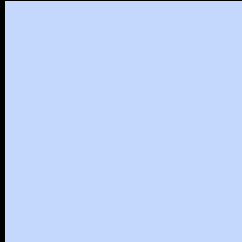
Large Text (above 18pt) WCAG AA × Fail

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, 20.768, 273.572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

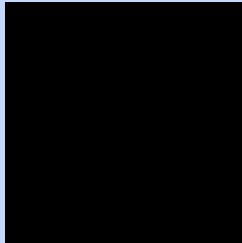
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

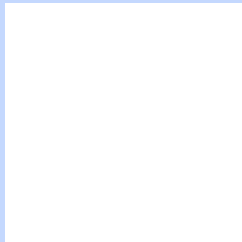
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 20.768, 273.572

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.768, 273.572.



This preview shows how white text looks on a background with the CIELCh color 86, 20.768, 273.572.

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

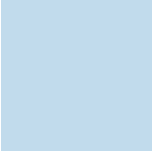
86, 20.784, 273.587

Protanopia

86, 20.534, 286.333

Deuteranopia

86, 23.786, 296.949



Tritanopia
86, 12.320, 245.578

Trichromacy



Original Color
86, 20.784, 273.587

Protanomaly
86, 20.700, 281.818

Deuteranomaly
86, 22.593, 289.548

Tritanomaly
86, 15.144, 259.470

Monochromacy



Original Color
86, 20.784, 273.587

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.808, 269.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.768, 273.572 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(196, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 254)  
}
```

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(196, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.768, 273.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

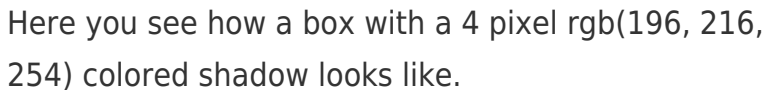
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 216, 254) }
```

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

```
.border{ border-color:rgb(196, 216, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 216, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 216, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 216, 254); box-shadow:4px 4px 4px 4px rgb(196, 216, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.768, 273.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 254) }
```

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

```
.background{ background-color: rgb(196,  
216, 254) }
```

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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