

Converting Colors

CIELCh(86, 20.941, 280.678)

Have a look what the booklet for
CIELCh(86, 20.941, 280.678)
contains.

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Color

CIELCh(86, 21.264, 281.267)

Conversions

Conversions Part 1

Format	Color
Hex	CAD6FE
RGB	202, 214, 254
RGB Percent	79%, 84%, 100%
CMY	0.2068, 0.1598, 0.0029
CMYK	0.20, 0.16, 0.00, 0.00
HSL	226°, 97%, 90%
HSV	226°, 20%, 100%
XYZ	66.4690, 67.9871, 103.6074
YIQ	214.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

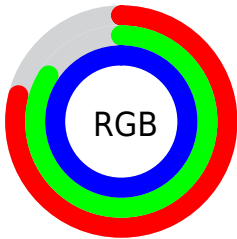
Format	Color
R _Y B	202, 212, 254
Decimal	13293310
CIE Lab	86.00, 4.15, -20.85
CIE LCh	86, 21.264, 281.267
Yxy	67.9871, 0.2792, 0.2856
Android (android.graphics.Color)	4291483390 (0xFFCAD6FE)
YUV	214.9720, 19.2408, -11.3764
Hunter-Lab	82.4543, -0.4006, -16.7825

Details

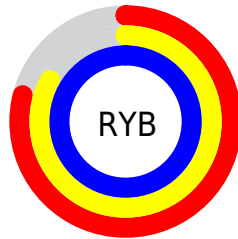
The CIELCh color `86, 21.264, 281.267` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 20.894, 96.041`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 21.344, 281.432` is the 20% darker color. If you saturate the color by 10%, you get `79, 32.101, 282.971`, and if you desaturate by 10%, it is `93, 10.726, 279.813`.

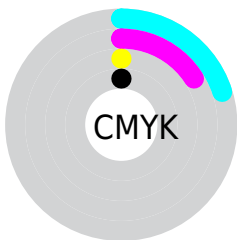
Distribution



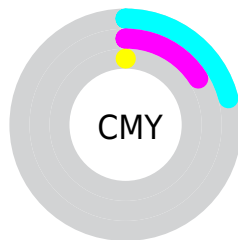
- Red (79%)
- Green (84%)
- Blue (100%)



- Red (79%)
- Yellow (83%)
- Blue (100%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.264, 281.267 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, 21.264, 281.267 by changing the saturation by 10% instead.

■ 86, 21.264,
281.267

■ 86, 21.264,
281.267

■ 100, 21.264,
281.267

■ 76, 21.264,
281.267

■ 66, 21.264,
281.267

■ 56, 21.264,
281.267

■ 46, 21.264,
281.267

■ 36, 21.264,
281.267

■ 26, 21.264,
281.267

■ 16, 21.264,

281.267

■ 6, 21.264, 281.267

■ 0, 21.264, 281.267

■ 86, 21.264,
281.267

■ 86, 21.264,
281.267

■ 79, 32.101,
282.971

■ 93, 10.726,
279.813

■ 73, 43.272,
284.970

■ 99, 0.471, 278.988

■ 66, 54.811,
287.293

100, 0.361,
109.937

■ 59, 66.749,
289.953

■ 53, 79.070,

292.915

■ 47, 91.622,
296.070

■ 42, 103.958,
299.212

■ 38, 114.762,
301.909

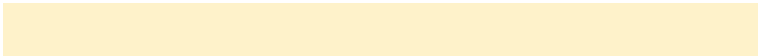
Harmonies

Complementary

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



86, 21.264, 281.267



96, 20.894, 96.041

Rectangle

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



86, 21.264, 281.267



86, 21.264, 331.267



86, 21.264, 101.267



86, 21.264, 151.267

Sweetspot

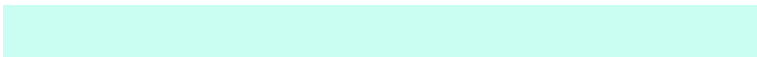
The Sweet Spot groups the original color and five complimentary colors.



86, 21.262, 281.264



96, 6.139, 279.247



96, 18.780, 178.839



51, 4.075, 279.327



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, 21.262, 281.264



83, 26.212, 282.007



84, 27.958, 301.951



50, 5.840, 279.688



28, 91.202, 301.428



6, 36.457, 296.611

Inverse Universe

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



86, 20.231, 3.047



83, 25.030, 3.636



98, 26.818, 119.284



50, 5.492, 1.781



40, 73.480, 27.202



10, 31.806, 17.102

Previews

White Background



This preview shows how the CIE LCh color 86, 21.264, 281.267 looks on a white background.

Color Contrast Check

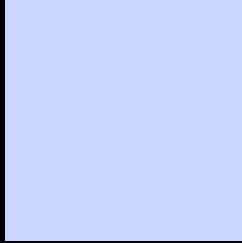
Large Text (above 18pt) WCAG AA × Fail

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, 21.264, 281.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

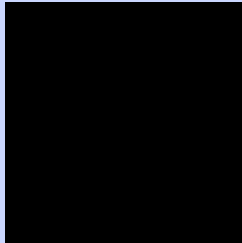
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.264, 281.267

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.264, 281.267.



This preview shows how white text looks on a background with the CIELCh color 86, 21.264, 281.267.

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

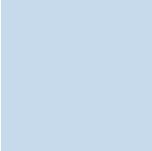
86, 21.264, 281.267

Protanopia

86, 21.055, 286.524

Deuteranopia

86, 23.786, 296.949



Tritanopia
86, 10.876, 254.448

Trichromacy



Original Color
86, 21.264, 281.267

Protanomaly
86, 21.112, 284.755

Deuteranomaly
86, 22.586, 291.216

Tritanomaly
86, 14.159, 267.499

Monochromacy



Original Color
86, 21.264, 281.267

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.522, 277.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.264, 281.267 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, 214, 254)` looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 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(202, 214, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.264, 281.267 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, 214, 254) }
```

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

```
.border{ border-color:rgb(202, 214, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 254);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.264, 281.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 254) }
```

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

```
.background{ background-color: rgb(202,  
214, 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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