

Converting Colors

CIELCh(86, 20.756, 289.685)

Have a look what the booklet for
CIELCh(86, 20.756, 289.685)
contains.

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Color

CIElCh(86, 21.016, 290.118)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4FC
RGB	210, 212, 252
RGB Percent	82%, 83%, 99%
CMY	0.1755, 0.1677, 0.0108
CMYK	0.17, 0.16, 0.00, 0.01
HSL	237°, 88%, 91%
HSV	237°, 17%, 99%
XYZ	67.8597, 67.9871, 101.8471
YIQ	215.9620, -14.0320, 12.0160

Conversions

Conversions Part 2

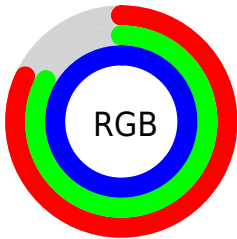
Format	Color
R _Y B	210, 212, 252
Decimal	13817084
CIE Lab	86.00, 7.23, -19.73
CIE LCh	86, 21.016, 290.118
Yxy	67.9871, 0.2855, 0.2860
Android (android.graphics.Color)	4292007164 (0xFFD2D4FC)
YUV	215.9620, 17.7667, -5.2287
Hunter-Lab	82.4543, 2.6101, -15.5167

Details

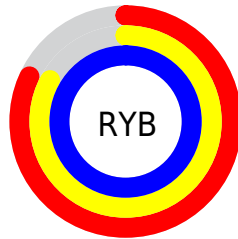
The CIELCh color `86, 21.016, 290.118` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 20.297, 106.517`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 21.096, 290.493` is the 20% darker color. If you saturate the color by 10%, you get `78, 34.313, 291.534`, and if you desaturate by 10%, it is `94, 8.240, 288.918`.

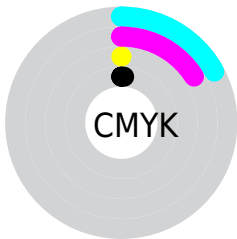
Distribution



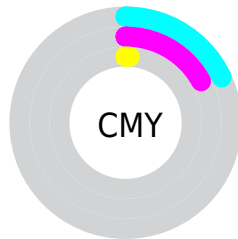
- Red (82%)
- Green (83%)
- Blue (99%)



- Red (82%)
- Yellow (83%)
- Blue (99%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)





- Cyan (18%)
- Magenta (17%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.016, 290.118 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, 21.016, 290.118 by changing the saturation by 10% instead.


 86, 21.016,
290.118


 86, 21.016,
290.118


 100, 21.016,
290.118


 76, 21.016,
290.118

 66, 21.016,
290.118

 56, 21.016,
290.118

 46, 21.016,
290.118

 36, 21.016,
290.118

 26, 21.016,
290.118

 16, 21.016,

290.118

■ 6, 21.016, 290.118

■ 0, 21.016, 290.118

■ 86, 21.016,
290.118

■ 86, 21.016,
290.118

■ 78, 34.313,
291.534

■ 94, 8.240, 288.918

■ 70, 48.176,
293.201

100, 1.384,
110.019

■ 62, 62.622,
295.136

■ 55, 77.593,
297.330

■ 48, 92.821,

299.707

■ 41, 107.567,
302.086

■ 36, 120.334,
304.168

■ 33, 129.061,
305.615

■ 32, 130.843,
305.896

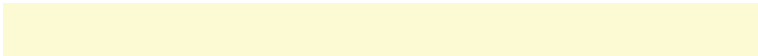
Harmonies

Complementary

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



86, 21.016, 290.118



98, 20.297, 106.517

Rectangle

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



86, 21.016, 290.118



86, 21.016, 340.118



86, 21.016, 110.118



86, 21.016, 160.118

Sweetspot

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



86, 21.014, 290.116



96, 6.231, 288.742



96, 14.195, 194.178



51, 4.256, 288.816



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, 21.014, 290.116



84, 25.630, 290.566



87, 23.049, 308.124



48, 7.023, 289.236



23, 104.571, 305.730



4, 40.620, 300.038

Inverse Universe

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



88, 15.668, 16.765



86, 19.216, 17.112



97, 22.470, 126.515



49, 5.171, 16.088



39, 81.363, 38.161



9, 31.854, 24.229

Previews

White Background



This preview shows how the CIELCh color 86, 21.016, 290.118 looks on a white background.

Color Contrast Check

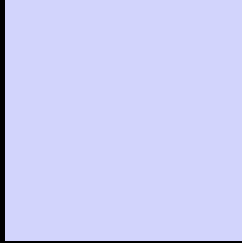
Large Text (above 18pt) WCAG AA × Fail

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, 21.016, 290.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

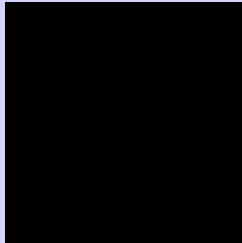
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.016, 290.118

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.016, 290.118.



This preview shows how white text looks on a background with the CIELCh color 86, 21.016, 290.118.

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

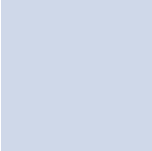
86, 21.016, 290.118

Protanopia

86, 21.055, 286.524

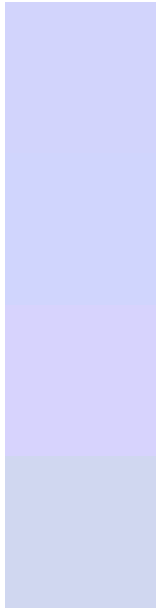
Deuteranopia

86, 22.817, 298.787



Tritanopia
86, 9.381, 271.610

Trichromacy



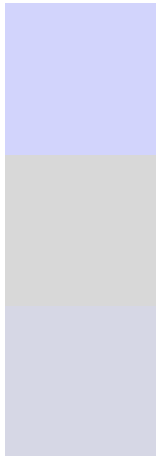
Original Color
86, 21.016, 290.118

Protanomaly
86, 21.034, 287.415

Deuteranomaly
86, 22.142, 295.465

Tritanomaly
86, 13.282, 280.947

Monochromacy



Original Color
86, 21.016, 290.118

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.350, 288.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.016, 290.118 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(210, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 252)  
}
```

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(210, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.016, 290.118 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(210, 212, 252) }
```

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

```
.border{ border-color:rgb(210, 212, 252) }
```

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

Here you see how a box with a 4 pixel rgb(210, 212, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.016, 290.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 252) }
```

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

```
.background{ background-color: rgb(210,  
212, 252) }
```

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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