

Converting Colors

CIELCh(86, 22.432, 288.423)

Have a look what the booklet for
CIELCh(86, 22.432, 288.423)
contains.

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Color

CIELCh(86, 22.604, 288.718)

Conversions

Conversions Part 1

Format	Color
Hex	D0D4FF
RGB	208, 212, 255
RGB Percent	82%, 83%, 100%
CMY	0.1828, 0.1671, 0.0000
CMYK	0.18, 0.17, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 18%, 100%
XYZ	67.8712, 67.9871, 104.4857
YIQ	215.7060, -16.1870, 12.5250

Conversions

Conversions Part 2

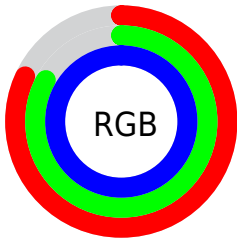
Format	Color
R _Y B	208, 212, 255
Decimal	13686015
CIE Lab	86.00, 7.25, -21.41
CIE LCh	86, 22.604, 288.718
Yxy	67.9871, 0.2824, 0.2829
Android (android.graphics.Color)	4291876095 (0xFFD0D4FF)
YUV	215.7060, 19.3719, -6.7582
Hunter-Lab	82.4543, 2.6351, -17.4140

Details

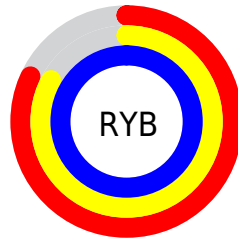
The CIELCh color **86, 22.604, 288.718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98, 21.636, 104.559**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 22.772, 289.111** is the 20% darker color. If you saturate the color by 10%, you get **78, 35.317, 290.159**, and if you desaturate by 10%, it is **94, 9.964, 287.401**.

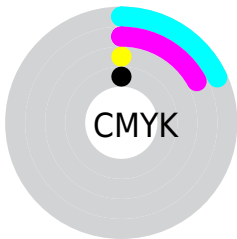
Distribution



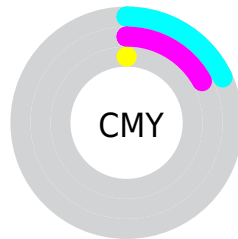
- Red (82%)
- Green (83%)
- Blue (100%)



- Red (82%)
- Yellow (83%)
- Blue (100%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (17%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 22.604, 288.718 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, 22.604, 288.718 by changing the saturation by 10% instead.


 86, 22.604,
288.718


 86, 22.604,
288.718


 100, 22.604,
288.718


 76, 22.604,
288.718

 66, 22.604,
288.718

 56, 22.604,
288.718

 46, 22.604,
288.718

 36, 22.604,
288.718

 26, 22.604,
288.718

 16, 22.604,

288.718

■ 6, 22.604, 288.718

■ 0, 22.604, 288.718

■ 86, 22.604,
288.718

■ 86, 22.604,
288.718

■ 78, 35.317,
290.159

■ 94, 9.964, 287.401

■ 71, 48.766,
291.912

100, 0.012,
296.813

■ 63, 62.770,
293.945

■ 56, 77.287,
296.251

■ 49, 92.099,

298.759

■ 42, 106.578,
301.296

■ 37, 119.417,
303.579

■ 34, 128.743,
305.267

■ 34, 129.893,
305.465

Harmonies

Complementary

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



86, 22.604, 288.718



98, 21.636, 104.559

Rectangle

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



86, 22.604, 288.718



86, 22.604, 338.718



86, 22.604, 108.718



86, 22.604, 158.718

Sweetspot

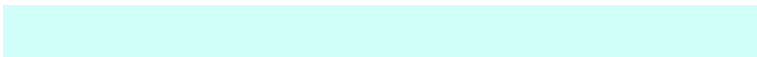
The Sweet Spot groups the original color and five complimentary colors.



86, 22.396, 288.666



96, 5.985, 287.035



97, 15.880, 189.761



51, 4.087, 287.111



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, 22.396, 288.666



83, 27.142, 289.193



86, 25.384, 306.481



49, 6.855, 287.544



24, 103.752, 305.232



4, 41.400, 300.239

Inverse Universe

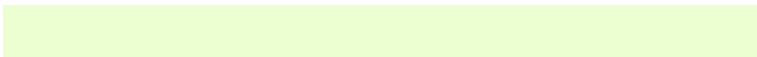
The Inverse Universe completely reimagines the original color for something new.



88, 17.482, 13.917



85, 21.299, 14.341



98, 24.617, 124.582



50, 5.278, 13.016



40, 80.636, 36.643



10, 32.700, 23.703

Previews

White Background



This preview shows how the CIE LCh color 86, 22.604, 288.718 looks on a white background.

Color Contrast Check

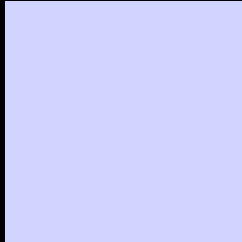
Large Text (above 18pt) WCAG AA × Fail

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, 22.604, 288.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

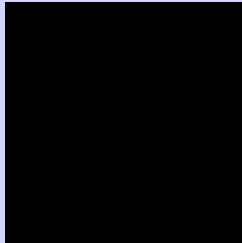
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.604, 288.718

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.604, 288.718.



This preview shows how white text looks on a background with the CIELCh color 86, 22.604, 288.718.

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, 22.604, 288.718

Protanopia

86, 22.122, 286.045

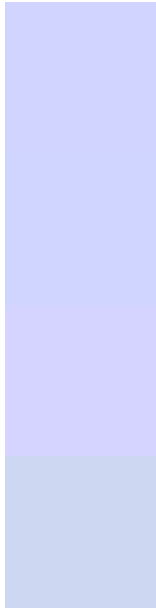
Deuteranopia

86, 23.786, 296.949



Tritanopia
86, 9.743, 265.891

Trichromacy



Original Color
86, 22.604, 288.718

Protanomaly
86, 22.097, 286.886

Deuteranomaly
86, 23.152, 293.739

Tritanomaly
86, 13.914, 278.664

Monochromacy



Original Color
86, 22.604, 288.718

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.891, 285.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.604, 288.718 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(208, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 255)  
}
```

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(208, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.604, 288.718 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(208, 212, 255) }
```

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

```
.border{ border-color:rgb(208, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.604, 288.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 255) }
```

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

```
.background{ background-color: rgb(208,  
212, 255) }
```

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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