

Converting Colors

CIELCh(86, 23.344, 299.314)

Have a look what the booklet for
CIELCh(86, 23.344, 299.314)
contains.

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Color

CIELCh(86, 23.337, 298.664)

Conversions

Conversions Part 1

Format	Color
Hex	DAD2FE
RGB	218, 210, 254
RGB Percent	85%, 82%, 100%
CMY	0.1460, 0.1774, 0.0049
CMYK	0.14, 0.17, 0.00, 0.00
HSL	251°, 95%, 91%
HSV	251°, 17%, 100%
XYZ	69.6823, 67.9871, 103.0126
YIQ	217.4080, -9.3560, 15.3800

Conversions

Conversions Part 2

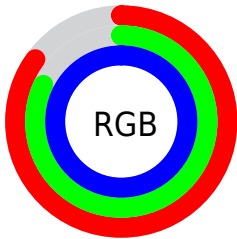
Format	Color
R _Y B	218, 210, 254
Decimal	14340862
CIE Lab	86.00, 11.19, -20.48
CIE LCh	86, 23.337, 298.664
Yxy	67.9871, 0.2895, 0.2825
Android (android.graphics.Color)	4292530942 (0xFFDAD2FE)
YUV	217.4080, 18.0399, 0.5192
Hunter-Lab	82.4543, 6.5557, -16.3547

Details

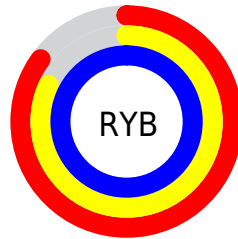
The CIELCh color `86, 23.337, 298.664` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 22.469, 116.058`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 22.935, 298.563` is the 20% darker color. If you saturate the color by 10%, you get `78, 37.525, 299.627`, and if you desaturate by 10%, it is `94, 9.688, 297.827`.

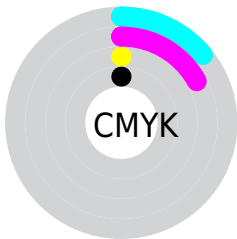
Distribution



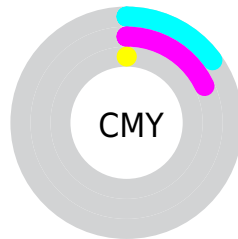
- Red (85%)
- Green (82%)
- Blue (100%)



- Red (85%)
- Yellow (82%)
- Blue (100%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (18%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.337, 298.664 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, 23.337, 298.664 by changing the saturation by 10% instead.


 86, 23.337,
298.664


 86, 23.337,
298.664

 100, 23.337,
298.664


 76, 23.337,
298.664

 66, 23.337,
298.664

 56, 23.337,
298.664

 46, 23.337,
298.664

 36, 23.337,
298.664

 26, 23.337,
298.664

 16, 23.337,

298.664

■ 6, 23.337, 298.664

■ 0, 23.337, 298.664

■ 86, 23.337,
298.664

■ 86, 23.337,
298.664

■ 78, 37.525,
299.627

■ 94, 9.688, 297.827

■ 70, 52.254,
300.728

100, 0.618,
110.007

■ 63, 67.458,
301.959

■ 55, 82.937,
303.288

■ 48, 98.211,

304.635

■ 42, 112.310,
305.847

■ 37, 123.648,
306.696

■ 34, 130.524,
306.963

■ 33, 131.837,
306.993

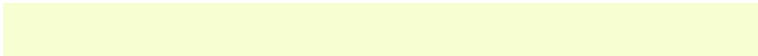
Harmonies

Complementary

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



86, 23.337, 298.664



98, 22.469, 116.058

Rectangle

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



86, 23.337, 298.664



86, 23.337, 348.664



86, 23.337, 118.664



86, 23.337, 168.664

Sweetspot

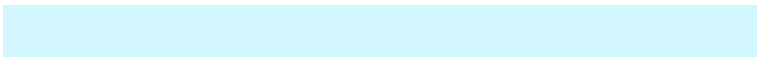
The Sweet Spot groups the original color and five complimentary colors.



86, 23.335, 298.662



96, 6.604, 297.649



95, 12.701, 216.047



51, 4.511, 297.702



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, 23.335, 298.662



83, 28.586, 299.001



88, 25.225, 315.402



49, 7.569, 297.998



24, 106.416, 307.096



4, 44.522, 305.197

Inverse Universe

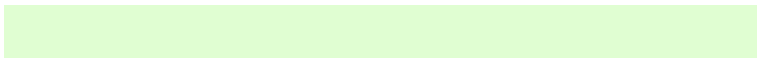
The Inverse Universe completely reimagines the original color for something new.



89, 24.350, 330.970



87, 29.646, 331.210



97, 24.849, 133.902



50, 7.985, 330.459



44, 80.777, 337.091



11, 37.785, 335.834

Previews

White Background



This preview shows how the CIELCh color 86, 23.337, 298.664 looks on a white background.

Color Contrast Check

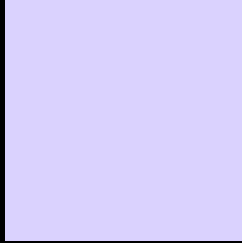
Large Text (above 18pt) WCAG AA × Fail

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, 23.337, 298.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

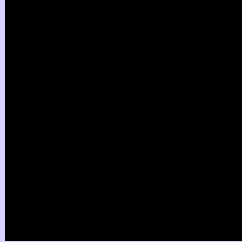
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 23.337, 298.664

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.337, 298.664.

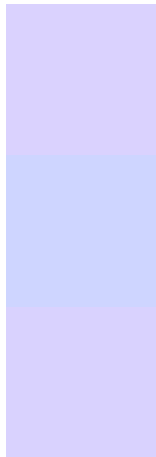


This preview shows how white text looks on a background with the CIELCh color 86, 23.337, 298.664.

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

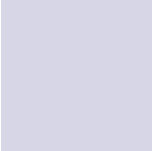
86, 23.337, 298.664

Protanopia

86, 22.122, 286.045

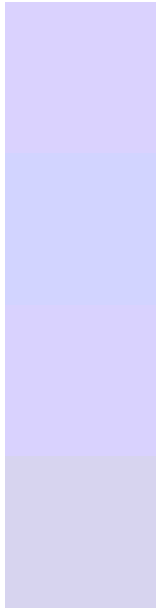
Deuteranopia

86, 23.298, 297.845



Tritanopia
86, 8.927, 290.934

Trichromacy



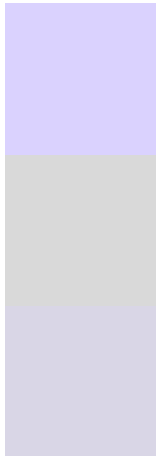
Original Color
86, 23.337, 298.664

Protanomaly
86, 22.587, 290.381

Deuteranomaly
86, 23.298, 297.845

Tritanomaly
86, 14.248, 295.516

Monochromacy



Original Color
86, 23.337, 298.664

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 8.483, 298.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.337, 298.664 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(218, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 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(218, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.337, 298.664 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(218, 210, 254) }
```

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

```
.border{ border-color:rgb(218, 210, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 254);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.337, 298.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 254) }
```

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

```
.background{ background-color: rgb(218,  
210, 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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