

Converting Colors

CIELCh(86, 22.994, 299.197)

Have a look what the booklet for
CIELCh(86, 22.994, 299.197)
contains.

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Color

CIELCh(86, 22.817, 298.787)

Conversions

Conversions Part 1

Format	Color
Hex	DAD2FD
RGB	218, 210, 253
RGB Percent	85%, 82%, 99%
CMY	0.1457, 0.1770, 0.0084
CMYK	0.14, 0.17, 0.00, 0.01
HSL	251°, 91%, 91%
HSV	251°, 17%, 99%
XYZ	69.5866, 67.9871, 102.2592
YIQ	217.2940, -9.0350, 15.0690

Conversions

Conversions Part 2

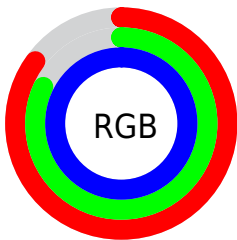
Format	Color
R _Y B	218, 210, 253
Decimal	14340861
CIE Lab	86.00, 10.99, -20.00
CIE LCh	86, 22.817, 298.787
Yxy	67.9871, 0.2901, 0.2835
Android (android.graphics.Color)	4292530941 (0xFFDAD2FD)
YUV	217.2940, 17.6031, 0.6192
Hunter-Lab	82.4543, 6.3486, -15.8130

Details

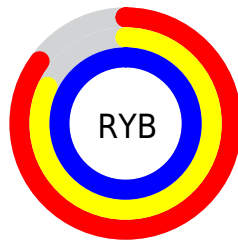
The CIELCh color `86, 22.817, 298.787` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 21.987, 116.255`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 22.386, 298.676` is the 20% darker color. If you saturate the color by 10%, you get `78, 36.948, 299.737`, and if you desaturate by 10%, it is `94, 9.221, 297.961`.

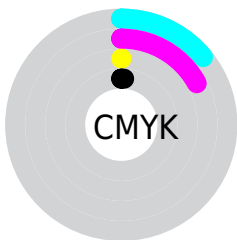
Distribution



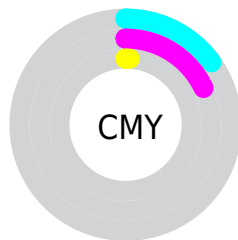
- Red (85%)
- Green (82%)
- Blue (99%)



- Red (85%)
- Yellow (82%)
- Blue (99%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)





- Cyan (15%)
- Magenta (18%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 22.817, 298.787 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, 22.817, 298.787 by changing the saturation by 10% instead.


 86, 22.817,
298.787


 86, 22.817,
298.787


 100, 22.817,
298.787


 76, 22.817,
298.787

 66, 22.817,
298.787

 56, 22.817,
298.787

 46, 22.817,
298.787

 36, 22.817,
298.787

 26, 22.817,
298.787

 16, 22.817,

298.787

■ 6, 22.817, 298.787

■ 0, 22.817, 298.787

■ 86, 22.817,
298.787

■ 86, 22.817,
298.787

■ 78, 36.948,
299.737

■ 94, 9.221, 297.961

■ 70, 51.617,
300.822

100, 1.078,
110.026

■ 63, 66.759,
302.036

■ 55, 82.179,
303.347

■ 48, 97.411,

304.678

■ 42, 111.510,
305.878

■ 37, 122.925,
306.726

■ 34, 129.936,
306.996

■ 33, 131.417,
307.025

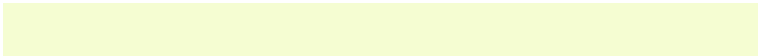
Harmonies

Complementary

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



86, 22.817, 298.787



98, 21.987, 116.255

Rectangle

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



86, 22.817, 298.787



86, 22.817, 348.787



86, 22.817, 118.787



86, 22.817, 168.787

Sweetspot

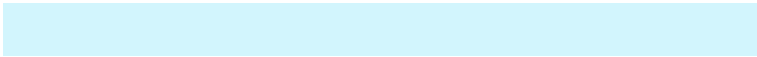
The Sweet Spot groups the original color and five complimentary colors.



86, 22.815, 298.785



96, 6.607, 297.810



94, 12.312, 218.058



51, 4.513, 297.862



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, 22.815, 298.785



84, 27.180, 299.057



88, 24.760, 315.921



49, 7.572, 298.156



24, 106.364, 307.129



4, 44.530, 305.277

Inverse Universe

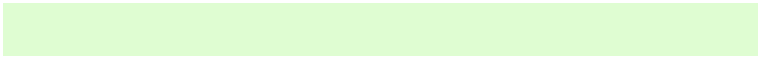
The Inverse Universe completely reimagines the original color for something new.



89, 23.741, 331.097



88, 28.145, 331.294



96, 24.418, 134.448



50, 7.961, 330.606



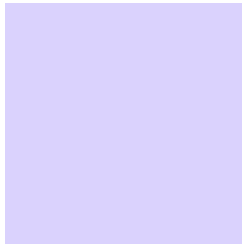
44, 80.519, 337.342



11, 37.677, 336.045

Previews

White Background



This preview shows how the CIELCh color 86, 22.817, 298.787 looks on a white background.

Color Contrast Check

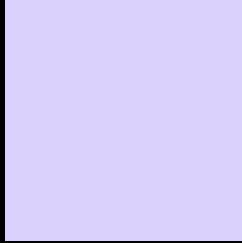
Large Text (above 18pt) WCAG AA × Fail

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, 22.817, 298.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

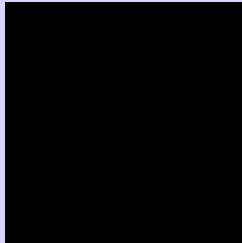
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.817, 298.787

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.817, 298.787.

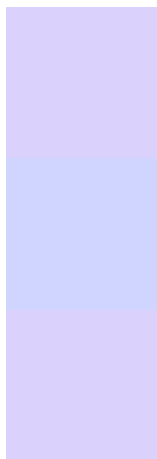


This preview shows how white text looks on a background with the CIELCh color 86, 22.817, 298.787.

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

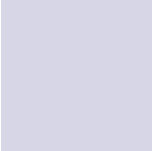
86, 22.817, 298.787

Protanopia

86, 22.097, 286.886

Deuteranopia

86, 22.817, 298.787



Tritanopia
86, 8.927, 290.934

Trichromacy



Original Color
86, 22.817, 298.787

Protanomaly
86, 22.062, 291.152

Deuteranomaly
86, 22.817, 298.787

Tritanomaly
86, 14.248, 295.516

Monochromacy



Original Color
86, 22.817, 298.787

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, 22.817, 298.787 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.817, 298.787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

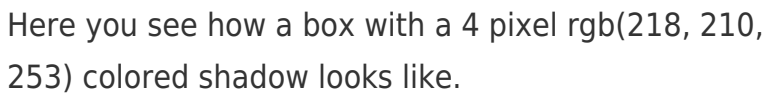
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 210, 253) }
```

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

```
.border{ border-color:rgb(218, 210, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 210, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 210, 253); box-shadow:4px 4px 4px 4px rgb(218, 210, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.817, 298.787 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, 253) }
```

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

```
.background{ background-color: rgb(218,  
210, 253) }
```

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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