

Converting Colors

CIELCh(86, 22.301, 301.060)

Have a look what the booklet for
CIELCh(86, 22.301, 301.060)
contains.

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Color

CIELCh(86, 22.467, 301.493)

Conversions

Conversions Part 1

Format	Color
Hex	DCD1FB
RGB	220, 209, 251
RGB Percent	86%, 82%, 98%
CMY	0.1361, 0.1792, 0.0145
CMYK	0.12, 0.17, 0.00, 0.01
HSL	256°, 85%, 90%
HSV	256°, 17%, 99%
XYZ	69.9342, 67.9871, 100.9499
YIQ	217.0770, -6.9260, 15.3940

Conversions

Conversions Part 2

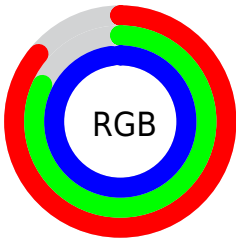
Format	Color
R _Y B	220, 209, 251
Decimal	14471675
CIE Lab	86.00, 11.74, -19.16
CIE LCh	86, 22.467, 301.493
Yxy	67.9871, 0.2928, 0.2846
Android (android.graphics.Color)	4292661755 (0xFFDCD1FB)
YUV	217.0770, 16.7240, 2.5635
Hunter-Lab	82.4543, 7.1010, -14.8716

Details

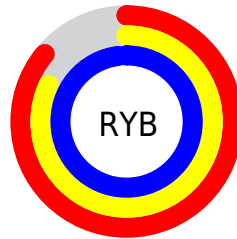
The CIELCh color `86, 22.467, 301.493` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 21.717, 119.331`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 22.009, 301.535` is the 20% darker color. If you saturate the color by 10%, you get `78, 36.568, 302.300`, and if you desaturate by 10%, it is `94, 8.865, 300.780`.

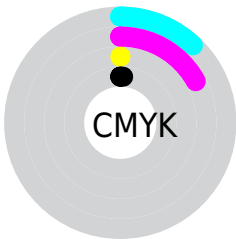
Distribution



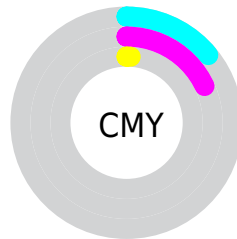
- Red (86%)
- Green (82%)
- Blue (98%)



- Red (86%)
- Yellow (82%)
- Blue (98%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (18%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 22.467, 301.493 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, 22.467, 301.493 by changing the saturation by 10% instead.


 86, 22.467,
301.493

 86, 22.467,
301.493


 100, 22.467,
301.493


 76, 22.467,
301.493

 66, 22.467,
301.493

 56, 22.467,
301.493

 46, 22.467,
301.493

 36, 22.467,
301.493

 26, 22.467,
301.493

 16, 22.467,

301.493

■ 6, 22.467, 301.493

■ 0, 22.467, 301.493

■ 86, 22.467,
301.493

■ 86, 22.467,
301.493

■ 78, 36.568,
302.300

■ 94, 8.865, 300.780

■ 71, 51.154,
303.209

100, 1.866,
109.997

■ 63, 66.133,
304.207

■ 56, 81.283,
305.260

■ 49, 96.130,

306.295

■ 43, 109.785,
307.184

■ 38, 120.862,
307.737

■ 35, 127.855,
307.761

■ 34, 129.501,
307.713

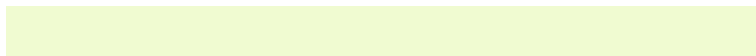
Harmonies

Complementary

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



86, 22.467, 301.493



97, 21.717, 119.331

Rectangle

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



86, 22.467, 301.493



86, 22.467, 351.493



86, 22.467, 121.493



86, 22.467, 171.493

Sweetspot

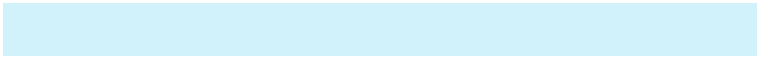
The Sweet Spot groups the original color and five complimentary colors.



86, 22.465, 301.491



96, 6.661, 300.667



93, 11.726, 226.465



51, 4.549, 300.713



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, 22.465, 301.491



85, 27.364, 301.747



88, 24.617, 318.012



48, 7.506, 300.969



25, 104.214, 307.853



4, 42.730, 306.321

Inverse Universe

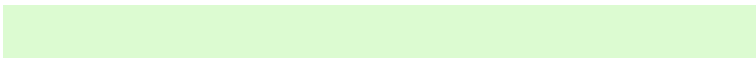
The Inverse Universe completely reimagines the original color for something new.



88, 22.013, 333.902



87, 26.688, 334.140



96, 24.360, 136.520



49, 7.419, 333.389



42, 75.471, 342.195



10, 34.949, 339.991

Previews

White Background



This preview shows how the CIELCh color 86, 22.467, 301.493 looks on a white background.

Color Contrast Check

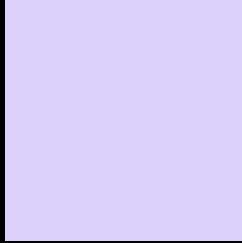
Large Text (above 18pt) WCAG AA × Fail

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, 22.467, 301.493 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

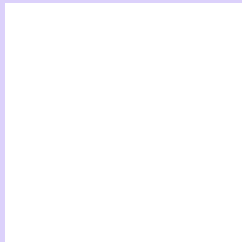
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 22.467, 301.493

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.467, 301.493.



This preview shows how white text looks on a background with the CIELCh color 86, 22.467, 301.493.

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](#).

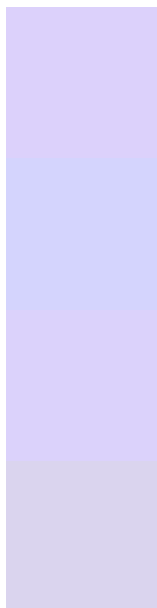
Dichromacy





Tritanopia
86, 9.063, 299.834

Trichromacy



Original Color
86, 22.467, 301.493

Protanomaly
86, 21.540, 291.969

Deuteranomaly
86, 21.823, 299.937

Tritanomaly
86, 13.853, 299.922

Monochromacy



Original Color
86, 22.467, 301.493

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 8.021, 300.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.467, 301.493 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(220, 209, 251)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 251)  
}
```

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(220, 209, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.467, 301.493 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(220, 209, 251) }
```

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

```
.border{ border-color:rgb(220, 209, 251) }
```

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

Here you see how a box with a 4 pixel rgb(220, 209, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.467, 301.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 251) }
```

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

```
.background{ background-color: rgb(220,  
209, 251) }
```

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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