

Converting Colors

CIELCh(86, 21.519, 308.479)

Have a look what the booklet for
CIELCh(86, 21.519, 308.479)
contains.

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Color

CIElCh(86, 21.501, 308.475)

Conversions

Conversions Part 1

Format	Color
Hex	E2D0F7
RGB	226, 208, 247
RGB Percent	89%, 82%, 97%
CMY	0.1138, 0.1843, 0.0314
CMYK	0.09, 0.16, 0.00, 0.03
HSL	268°, 71%, 89%
HSV	268°, 16%, 97%
XYZ	70.6995, 67.9871, 97.3823
YIQ	217.8280, -1.7910, 15.9450

Conversions

Conversions Part 2

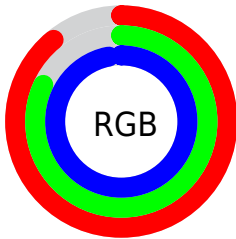
Format	Color
R _Y B	226, 208, 247
Decimal	14864631
CIE Lab	86.00, 13.38, -16.83
CIE LCh	86, 21.501, 308.475
Yxy	67.9871, 0.2995, 0.2880
Android (android.graphics.Color)	4293054711 (0xFFE2D0F7)
YUV	217.8280, 14.3818, 7.1668
Hunter-Lab	82.4543, 8.7579, -12.3062

Details

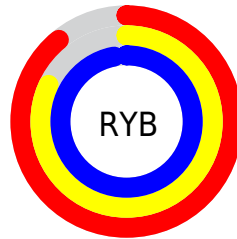
The CIELCh color `86, 21.501, 308.475` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 20.998, 126.977`, and the grayscale version is `87, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 21.406, 307.650` is the 20% darker color. If you saturate the color by 10%, you get `79, 35.619, 309.023`, and if you desaturate by 10%, it is `93, 7.768, 307.963`.

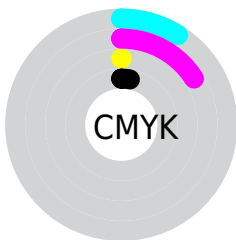
Distribution



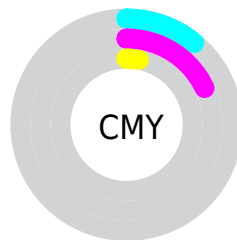
- Red (89%)
- Green (82%)
- Blue (97%)



- Red (89%)
- Yellow (82%)
- Blue (97%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)




- Cyan (11%)
- Magenta (18%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.501, 308.475 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, 21.501, 308.475 by changing the saturation by 10% instead.

 86, 21.501,
308.475

 86, 21.501,
308.475


 100, 21.501,
308.475


 76, 21.501,
308.475

 66, 21.501,
308.475

 56, 21.501,
308.475

 46, 21.501,
308.475

 36, 21.501,
308.475

 26, 21.501,
308.475

 16, 21.501,

308.475

■ 6, 21.501, 308.475

■ 0, 21.501, 308.475

■ 86, 21.501,
308.475

■ 86, 21.501,
308.475

■ 79, 35.619,
309.023

■ 93, 7.768, 307.963

■ 72, 50.049,
309.608

■ 100, 4.150,
121.668

■ 65, 64.627,
310.206

■ 100, 4.051,
109.856

■ 59, 79.053,
310.780

■ 52, 92.814,

311.265

■ 47, 105.113,
311.567

■ 43, 114.907,
311.561

■ 39, 121.210,
311.123

■ 38, 123.065,
310.856

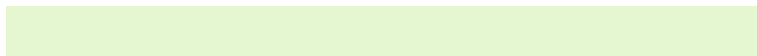
Harmonies

Complementary

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



86, 21.501, 308.475



95, 20.998, 126.977

Rectangle

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



86, 21.501, 308.475



86, 21.501, 358.475



86, 21.501, 128.475



86, 21.501, 178.475

Sweetspot

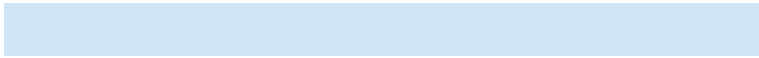
The Sweet Spot groups the original color and five complimentary colors.



86, 21.499, 308.474



96, 6.878, 307.924



90, 11.478, 251.934



51, 4.697, 307.959



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, 21.499, 308.474



86, 26.676, 308.647



88, 24.215, 323.907



47, 7.611, 308.148



28, 99.326, 311.051



5, 41.386, 311.260

Inverse Universe

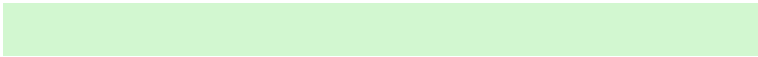
The Inverse Universe completely reimagines the original color for something new.



87, 17.842, 342.929



88, 22.094, 343.231



94, 24.157, 142.187



48, 6.335, 342.361



40, 67.461, 358.413



9, 30.663, 352.957

Previews

White Background



This preview shows how the CIELCh color 86, 21.501, 308.475 looks on a white background.

Color Contrast Check

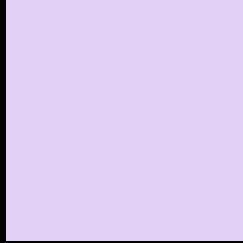
Large Text (above 18pt) WCAG AA × Fail

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, 21.501, 308.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

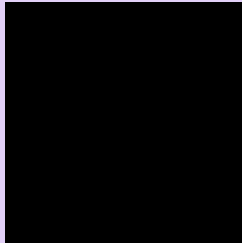
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.501, 308.475

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.501, 308.475.

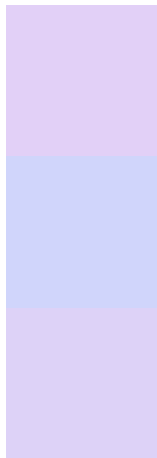


This preview shows how white text looks on a background with the CIELCh color 86, 21.501, 308.475.

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](#).

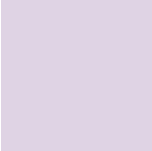
Dichromacy



Original Color
86, 21.501, 308.475

Protanopia
86, 19.990, 287.074

Deuteranopia
86, 19.871, 302.635



Tritanopia
86, 9.943, 316.211

Trichromacy



Original Color
86, 21.501, 308.475

Protanomaly
86, 20.572, 295.626

Deuteranomaly
86, 20.620, 305.196

Tritanomaly
86, 14.086, 311.584

Monochromacy



Original Color
86, 21.501, 308.475

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.284, 308.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.501, 308.475 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(226, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 247)  
}
```

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(226, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.501, 308.475 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(226, 208, 247) }
```

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

```
.border{ border-color:rgb(226, 208, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.501, 308.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 247) }
```

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

```
.background{ background-color: rgb(226,  
208, 247) }
```

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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