

Converting Colors

CIELCh(86, 22.847, 302.870)

Have a look what the booklet for
CIELCh(86, 22.847, 302.870)
contains.

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Color

CIELCh(86, 22.592, 303.194)

Conversions

Conversions Part 1

Format	Color
Hex	DED1FB
RGB	222, 209, 251
RGB Percent	87%, 82%, 98%
CMY	0.1300, 0.1810, 0.0163
CMYK	0.12, 0.17, 0.00, 0.02
HSL	259°, 83%, 90%
HSV	259°, 17%, 98%
XYZ	70.2283, 67.9871, 100.5587
YIQ	217.6750, -5.7340, 15.8180

Conversions

Conversions Part 2

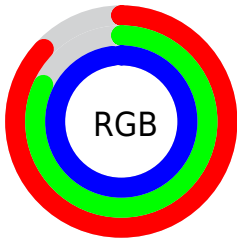
Format	Color
R _Y B	222, 209, 251
Decimal	14602747
CIE Lab	86.00, 12.37, -18.91
CIE LCh	86, 22.592, 303.194
Yxy	67.9871, 0.2941, 0.2847
Android (android.graphics.Color)	4292792827 (0xFFDED1FB)
YUV	217.6750, 16.4292, 3.7930
Hunter-Lab	82.4543, 7.7377, -14.5903

Details

The CIELCh color `86, 22.592, 303.194` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 21.877, 121.202`, 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, 22.133, 303.345` is the 20% darker color. If you saturate the color by 10%, you get `78, 36.720, 303.926`, and if you desaturate by 10%, it is `94, 8.940, 302.541`.

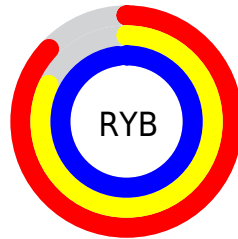
Distribution



Red (87%)

Green (82%)

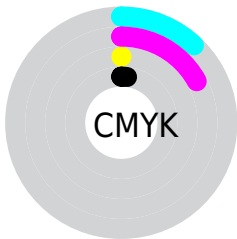
Blue (98%)



Red (87%)

Yellow (82%)

Blue (98%)

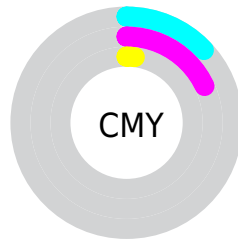


Cyan (12%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (13%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 22.592, 303.194 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, 22.592, 303.194 by changing the saturation by 10% instead.


 86, 22.592,
303.194


 86, 22.592,
303.194


 100, 22.592,
303.194


 76, 22.592,
303.194

 66, 22.592,
303.194

 56, 22.592,
303.194

 46, 22.592,
303.194

 36, 22.592,
303.194

 26, 22.592,
303.194

 16, 22.592,

303.194

■ 6, 22.592, 303.194

■ 0, 22.592, 303.194

■ 86, 22.592,
303.194

■ 86, 22.592,
303.194

■ 78, 36.720,
303.926

■ 94, 8.940, 302.541

■ 71, 51.293,
304.741

100, 2.096,
109.985

■ 64, 66.203,
305.624

■ 57, 81.204,
306.537

■ 50, 95.807,

307.410

■ 44, 109.137,
308.121

■ 39, 119.892,
308.500

■ 36, 126.710,
308.373

■ 35, 128.329,
308.280

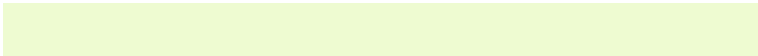
Harmonies

Complementary

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



86, 22.592, 303.194



97, 21.877, 121.202

Rectangle

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



86, 22.592, 303.194



86, 22.592, 353.194



86, 22.592, 123.194



86, 22.592, 173.194

Sweetspot

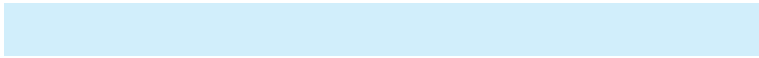
The Sweet Spot groups the original color and five complimentary colors.



86, 22.590, 303.193



96, 6.703, 302.434



92, 11.649, 233.005



51, 4.578, 302.477



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, 22.590, 303.193



85, 27.509, 303.424



88, 24.939, 319.552



48, 7.551, 302.713



25, 103.401, 308.438



4, 42.860, 307.477

Inverse Universe

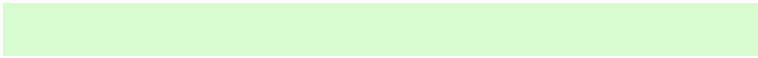
The Inverse Universe completely reimagines the original color for something new.



88, 21.287, 335.842



87, 25.814, 336.093



95, 24.735, 137.999



49, 7.171, 335.298



42, 73.152, 345.623



10, 33.947, 342.792

Previews

White Background



This preview shows how the CIELCh color 86, 22.592, 303.194 looks on a white background.

Color Contrast Check

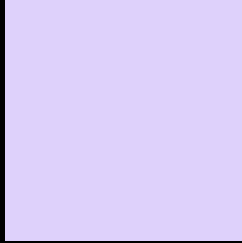
Large Text (above 18pt) WCAG AA × Fail

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, 22.592, 303.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

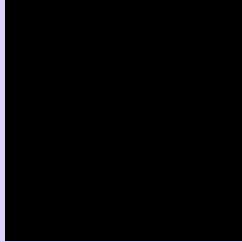
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 22.592, 303.194

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.592, 303.194.

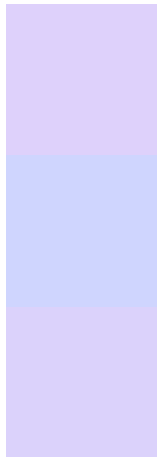


This preview shows how white text looks on a background with the CIELCh color 86, 22.592, 303.194.

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, 22.592, 303.194

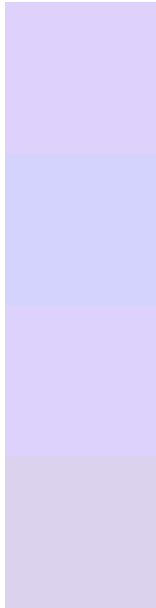
Protanopia
86, 21.576, 286.709

Deuteranopia
86, 21.823, 299.937



Tritanopia
86, 8.614, 302.665

Trichromacy



Original Color
86, 22.592, 303.194

Protanomaly
86, 22.091, 292.879

Deuteranomaly
86, 21.875, 300.816

Tritanomaly
86, 13.992, 302.740

Monochromacy



Original Color
86, 22.592, 303.194

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.014, 300.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.592, 303.194 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(222, 209, 251)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 209, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.592, 303.194 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(222, 209, 251) }
```

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

```
.border{ border-color:rgb(222, 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(222, 209, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 251);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.592, 303.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 251) }
```

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

```
.background{ background-color: rgb(222,  
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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