

Converting Colors

CIELCh(86, 23.359, 307.679)

Have a look what the booklet for
CIELCh(86, 23.359, 307.679)
contains.

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Color

CIELCh(86, 23.007, 307.389)

Conversions

Conversions Part 1

Format	Color
Hex	E2D0FA
RGB	226, 208, 250
RGB Percent	89%, 82%, 98%
CMY	0.1148, 0.1854, 0.0207
CMYK	0.10, 0.17, 0.00, 0.02
HSL	266°, 80%, 90%
HSV	266°, 17%, 98%
XYZ	70.9775, 67.9871, 99.5927
YIQ	218.1700, -2.7540, 16.8780

Conversions

Conversions Part 2

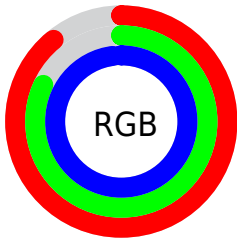
Format	Color
R_{YB}	226, 208, 250
Decimal	14864634
CIE _{Lab}	86.00, 13.97, -18.28
CIE _{LCh}	86, 23.007, 307.389
Yxy	67.9871, 0.2975, 0.2850
Android (android.graphics.Color)	4293054714 (0xFFE2D0FA)
YUV	218.1700, 15.6922, 6.8669
Hunter-Lab	82.4543, 9.3597, -13.8956

Details

The CIELCh color `86, 23.007, 307.389` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 22.398, 125.720`, 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, 22.470, 306.932` is the 20% darker color. If you saturate the color by 10%, you get `79, 37.237, 307.973`, and if you desaturate by 10%, it is `93, 9.181, 306.850`.

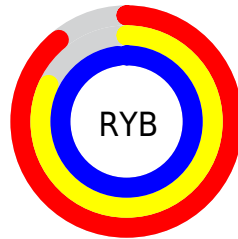
Distribution



Red (89%)

Green (82%)

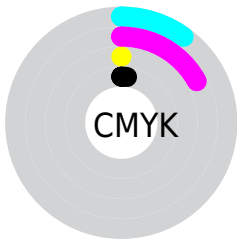
Blue (98%)



Red (89%)

Yellow (82%)

Blue (98%)

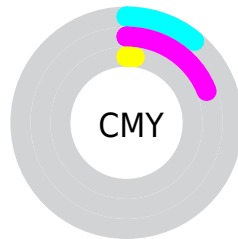


Cyan (10%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (11%)


Magenta (19%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.007, 307.389 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, 23.007, 307.389 by changing the saturation by 10% instead.


 86, 23.007,
307.389


 86, 23.007,
307.389


 100, 23.007,
307.389


 76, 23.007,
307.389

 66, 23.007,
307.389

 56, 23.007,
307.389

 46, 23.007,
307.389

 36, 23.007,
307.389

 26, 23.007,
307.389

 16, 23.007,

307.389

■ 6, 23.007, 307.389

■ 0, 23.007, 307.389

■ 86, 23.007,
307.389

■ 86, 23.007,
307.389

■ 79, 37.237,
307.973

■ 93, 9.181, 306.850

■ 72, 51.804,
308.601

■ 100, 2.683,
115.467

■ 65, 66.544,
309.250

■ 100, 2.667,
109.950

■ 58, 81.153,
309.880

■ 52, 95.098,

310.423

■ 46, 107.536,
310.775

■ 42, 117.349,
310.802

■ 39, 123.516,
310.374

■ 38, 124.977,
310.193

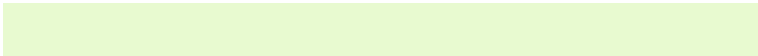
Harmonies

Complementary

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



86, 23.007, 307.389



96, 22.398, 125.720

Rectangle

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



86, 23.007, 307.389



86, 23.007, 357.389



86, 23.007, 127.389



86, 23.007, 177.389

Sweetspot

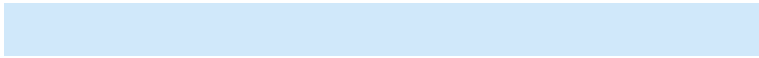
The Sweet Spot groups the original color and five complimentary colors.



86, 23.005, 307.388



96, 6.835, 306.756



91, 12.061, 248.051



51, 4.668, 306.793



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, 23.005, 307.388



85, 27.969, 307.570



88, 25.779, 323.010



48, 7.694, 306.991



28, 101.047, 310.379



5, 43.145, 310.653

Inverse Universe

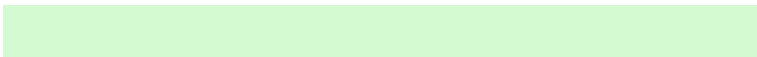
The Inverse Universe completely reimagines the original color for something new.



88, 19.617, 341.333



87, 23.789, 341.622



95, 25.686, 141.242



49, 6.592, 340.697



41, 68.869, 355.454



10, 31.903, 350.786

Previews

White Background



This preview shows how the CIELCh color 86, 23.007, 307.389 looks on a white background.

Color Contrast Check

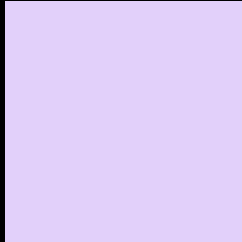
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 23.007, 307.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

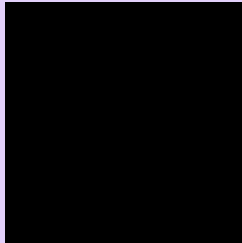
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

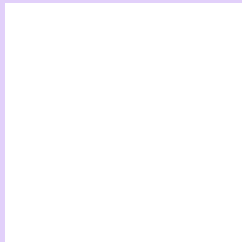
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 23.007, 307.389

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.007, 307.389.



This preview shows how white text looks on a background with the CIELCh color 86, 23.007, 307.389.

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](#).

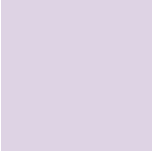
Dichromacy



Original Color
86, 23.007, 307.389

Protanopia
86, 21.055, 286.524

Deuteranopia
86, 20.840, 301.214



Tritanopia
86, 9.794, 314.325

Trichromacy



Original Color
86, 23.007, 307.389

Protanomaly
86, 21.597, 294.628

Deuteranomaly
86, 21.566, 303.699

Tritanomaly
86, 14.463, 309.559

Monochromacy



Original Color
86, 23.007, 307.389

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.784, 307.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.007, 307.389 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.007, 307.389 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, 250) }
```

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

```
.border{ border-color:rgb(226, 208, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.007, 307.389 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, 250) }
```

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

```
.background{ background-color: rgb(226,  
208, 250) }
```

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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