

Converting Colors

CIELCh(86, 13.873, 338.206)

Have a look what the booklet for
CIELCh(86, 13.873, 338.206)
contains.

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Color

CIELCh(86, 14.116, 338.576)

Conversions

Conversions Part 1

Format	Color
Hex	ECCFE1
RGB	236, 207, 225
RGB Percent	93%, 81%, 88%
CMY	0.0740, 0.1877, 0.1171
CMYK	0.00, 0.12, 0.05, 0.07
HSL	323°, 43%, 87%
HSV	323°, 12%, 93%
XYZ	70.5888, 67.9871, 80.7303
YIQ	217.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

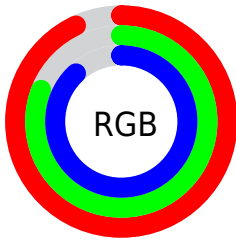
Format	Color
R _Y B	236, 207, 225
Decimal	15519713
CIE Lab	86.00, 13.14, -5.16
CIE LCh	86, 14.116, 338.576
Yxy	67.9871, 0.3219, 0.3100
Android (android.graphics.Color)	4293709793 (0xFFECCFE1)
YUV	217.7230, 3.5876, 16.0289
Hunter-Lab	82.4543, 8.5181, -0.3323

Details

The CIELCh color **86, 14.116, 338.576** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 13.988, 156.765**, 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, 13.940, 338.363** is the 20% darker color. If you saturate the color by 10%, you get **80, 25.771, 339.412**, and if you desaturate by 10%, it is **92, 2.601, 337.692**.

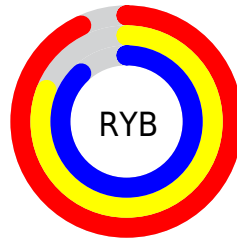
Distribution



Red (93%)

Green (81%)

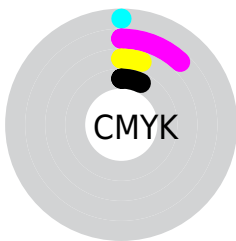
Blue (88%)



Red (93%)

Yellow (81%)

Blue (88%)

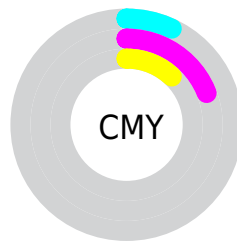


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 14.116, 338.576 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, 14.116, 338.576 by changing the saturation by 10% instead.


 86, 14.116,
338.576


 86, 14.116,
338.576


 100, 14.116,
338.576


 76, 14.116,
338.576

 66, 14.116,
338.576

 56, 14.116,
338.576

 46, 14.116,
338.576

 36, 14.116,
338.576

 26, 14.116,
338.576

 16, 14.116,

338.576

■ 6, 14.116, 338.576

■ 0, 14.116, 338.576

■ 86, 14.116,
338.576

■ 86, 14.116,
338.576

■ 80, 25.771,
339.412

■ 92, 2.601, 337.692

■ 74, 37.380,
340.315

■ 98, 8.651, 157.195

■ 69, 48.642,
341.311

■ 99, 6.704, 185.915

■ 64, 59.138,
342.434

■ 99, 6.469, 199.098

■ 60, 68.329,

343.733

■ 57, 75.622,
345.275

■ 54, 80.499,
347.160

■ 53, 82.732,
349.502

■ 52, 83.014,
351.641

Harmonies

Complementary

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



86, 14.116, 338.576



91, 13.988, 156.765

Rectangle

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



86, 14.116, 338.576



86, 14.116, 28.576



86, 14.116, 158.576



86, 14.116, 208.576

Sweetspot

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



86, 14.113, 338.578



97, 4.857, 337.888



85, 15.784, 304.946



52, 3.454, 337.958



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, 14.113, 338.578



90, 18.387, 338.805



86, 10.898, 9.524



46, 6.478, 338.350



40, 68.249, 351.097



8, 30.126, 346.651

Inverse Universe

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



86, 14.113, 338.578



90, 18.387, 338.805



91, 10.276, 187.502



46, 6.478, 338.350



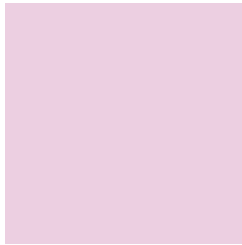
40, 68.249, 351.097



8, 30.126, 346.651

Previews

White Background



This preview shows how the CIELCh color 86, 14.116, 338.576 looks on a white background.

Color Contrast Check

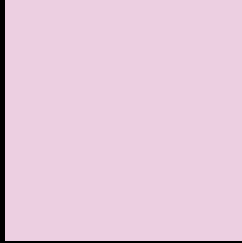
Large Text (above 18pt) WCAG AA × Fail

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, 14.116, 338.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

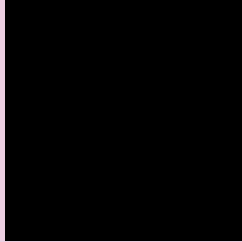
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 14.116, 338.576

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.116, 338.576.

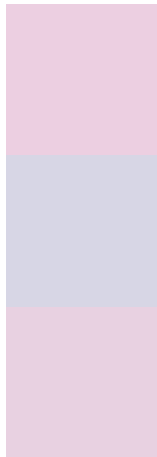


This preview shows how white text looks on a background with the CIELCh color 86, 14.116, 338.576.

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, 14.116, 338.576

Protanopia
86, 7.891, 293.393

Deuteranopia
86, 11.821, 335.114



Tritanopia
86, 13.780, 340.211

Trichromacy



Original Color
86, 14.116, 338.576

Protanomaly
86, 9.309, 315.608

Deuteranomaly
86, 12.963, 336.987

Tritanomaly
86, 13.780, 340.211

Monochromacy



Original Color
86, 14.116, 338.576

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.428, 337.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.116, 338.576 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(236, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 225)  
}
```

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(236, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.116, 338.576 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(236, 207, 225) }
```

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

```
.border{ border-color:rgb(236, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(236, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.116, 338.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 225) }
```

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

```
.background{ background-color: rgb(236,  
207, 225) }
```

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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