

Converting Colors

CIELCh(86, 26.207, 340.320)

Have a look what the booklet for
CIELCh(86, 26.207, 340.320)
contains.

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Color

CIELCh(86, 26.196, 340.356)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7E8
RGB	254, 199, 232
RGB Percent	100%, 78%, 91%
CMY	0.0025, 0.2183, 0.0888
CMYK	0.00, 0.22, 0.09, 0.00
HSL	324°, 98%, 89%
HSV	324°, 22%, 100%
XYZ	76.1200, 67.9871, 85.7134
YIQ	219.2070, 22.1870, 21.9230

Conversions

Conversions Part 2

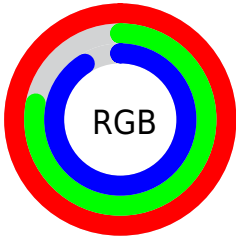
Format	Color
R _Y B	254, 199, 232
Decimal	16697320
CIE Lab	86.00, 24.67, -8.81
CIE LCh	86, 26.196, 340.356
Yxy	67.9871, 0.3312, 0.2958
Android (android.graphics.Color)	4294887400 (0xFFFE C7E8)
YUV	219.2070, 6.3069, 30.5135
Hunter-Lab	82.4543, 20.4924, -3.9155

Details

The CIELCh color **86, 26.196, 340.356** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 25.773, 156.845**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 25.956, 340.940** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.380, 341.289**, and if you desaturate by 10%, it is **92, 13.982, 339.500**.

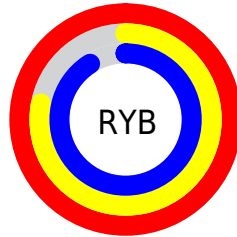
Distribution



Red (100%)

Green (78%)

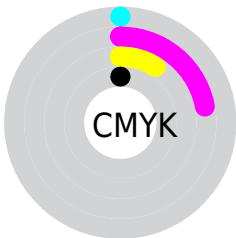
Blue (91%)



Red (100%)

Yellow (78%)

Blue (91%)

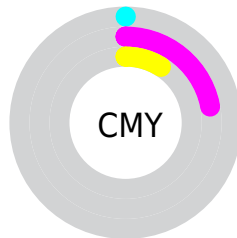


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 26.196, 340.356 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, 26.196, 340.356 by changing the saturation by 10% instead.


 86, 26.196,
340.356


 86, 26.196,
340.356


 100, 26.196,
340.356


 76, 26.196,
340.356

 66, 26.196,
340.356

 56, 26.196,
340.356

 46, 26.196,
340.356

 36, 26.196,
340.356


 26, 26.196,
340.356


 16, 26.196,


340.356


 6, 26.196, 340.356

 0, 26.196, 340.356

 86, 26.196,
340.356

 86, 26.196,
340.356

 80, 38.380,
341.289

 92, 13.982,
339.500

 74, 50.236,
342.324

 99, 1.944, 338.529

 69, 61.322,
343.499

100, 0.223,
202.369

 65, 71.073,
344.868

 61, 78.857,

346.508

■ 58, 84.117,
348.525

■ 56, 86.600,
351.047

■ 56, 86.925,
353.585

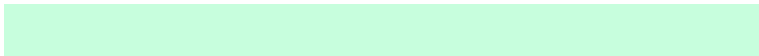
Harmonies

Complementary

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



86, 26.196, 340.356



95, 25.773, 156.845

Rectangle

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



86, 26.196, 340.356



86, 26.196, 30.356



86, 26.196, 160.356



86, 26.196, 210.356

Sweetspot

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



86, 26.193, 340.357



96, 7.191, 339.027



84, 30.128, 306.684



51, 4.773, 339.083



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, 26.193, 340.357



84, 31.604, 340.754



85, 20.890, 13.188



50, 6.837, 339.323



42, 70.357, 352.986



11, 33.149, 348.962

Inverse Universe

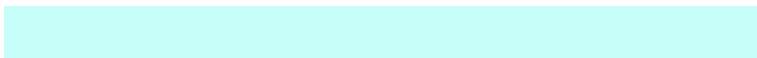
The Inverse Universe completely reimagines the original color for something new.



86, 26.193, 340.357



84, 31.604, 340.754



96, 18.588, 189.490



50, 6.837, 339.323



42, 70.357, 352.986



11, 33.149, 348.962

Previews

White Background



This preview shows how the CIELCh color 86, 26.196, 340.356 looks on a white background.

Color Contrast Check

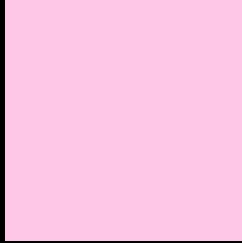
Large Text (above 18pt) WCAG AA × Fail

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, 26.196, 340.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

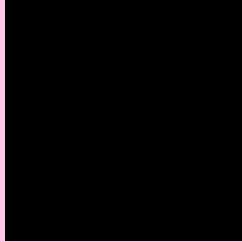
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 26.196, 340.356

Background



This preview shows how black text looks on a background with the CIELCh color 86, 26.196, 340.356.



This preview shows how white text looks on a background with the CIELCh color 86, 26.196, 340.356.

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, 26.196, 340.356

Protanopia

86, 14.176, 288.607

Deuteranopia

86, 13.178, 323.616



Tritanopia
86, 20.166, 356.602

Trichromacy



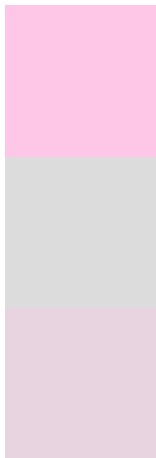
Original Color
86, 26.196, 340.356

Protanomaly
86, 16.558, 313.674

Deuteranomaly
86, 18.070, 331.820

Tritanomaly
86, 22.140, 349.976

Monochromacy



Original Color
86, 26.196, 340.356

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 9.593, 339.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 26.196, 340.356 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(254, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 232)  
}
```

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(254, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 26.196, 340.356 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(254, 199, 232) }
```

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

```
.border{ border-color:rgb(254, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 26.196, 340.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 232) }
```

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

```
.background{ background-color: rgb(254,  
199, 232) }
```

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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