

Converting Colors

CIELCh(86, 20.036, 348.860)

Have a look what the booklet for
CIELCh(86, 20.036, 348.860)
contains.

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Color

CIELCh(86, 19.731, 349.036)

Conversions

Conversions Part 1

Format	Color
Hex	F9CBDF
RGB	249, 203, 223
RGB Percent	98%, 80%, 87%
CMY	0.0246, 0.2049, 0.1265
CMYK	0.00, 0.18, 0.10, 0.02
HSL	334°, 79%, 89%
HSV	334°, 18%, 98%
XYZ	73.5428, 67.9871, 78.8671
YIQ	219.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

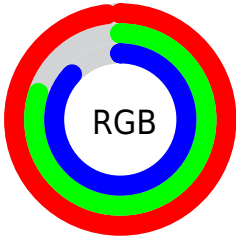
Format	Color
R _Y B	249, 203, 223
Decimal	16370655
CIE Lab	86.00, 19.37, -3.75
CIE LCh	86, 19.731, 349.036
Yxy	67.9871, 0.3337, 0.3085
Android (android.graphics.Color)	4294560735 (0xFFF9CBDF)
YUV	219.0340, 1.9552, 26.2802
Hunter-Lab	82.4543, 14.9131, 1.0074

Details

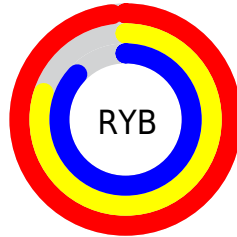
The CIELCh color **86, 19.731, 349.036** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 19.116, 165.645**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 19.524, 348.996** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.687, 350.171**, and if you desaturate by 10%, it is **92, 8.937, 348.021**.

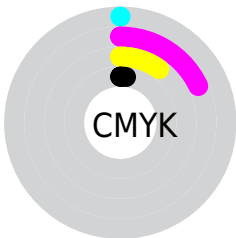
Distribution



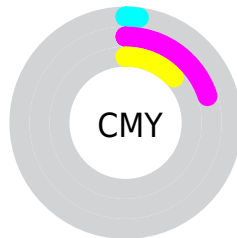
- Red (98%)
- Green (80%)
- Blue (87%)



- Red (98%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.731, 349.036 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, 19.731, 349.036 by changing the saturation by 10% instead.


 86, 19.731,
349.036


 86, 19.731,
349.036


 100, 19.731,
349.036


 76, 19.731,
349.036

 66, 19.731,
349.036

 56, 19.731,
349.036

 46, 19.731,
349.036

 36, 19.731,
349.036

 26, 19.731,
349.036

 16, 19.731,

349.036

■ 6, 19.731, 349.036

■ 0, 19.731, 349.036

■ 86, 19.731,
349.036

■ 86, 19.731,
349.036

■ 80, 30.687,
350.171

■ 92, 8.937, 348.021

■ 74, 41.595,
351.476

■ 99, 1.558, 167.523

■ 69, 52.115,
353.021

■ 100, 2.177,
199.571

■ 64, 61.782,
354.894

■ 60, 70.041,

357.224

■ 57, 76.367, 0.174

■ 54, 80.477, 3.926

■ 53, 82.656, 8.570

■ 53, 82.950, 9.306

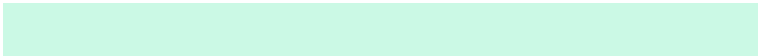
Harmonies

Complementary

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



86, 19.731, 349.036



94, 19.116, 165.645

Rectangle

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



86, 19.731, 349.036



86, 19.731, 39.036



86, 19.731, 169.036



86, 19.731, 219.036

Sweetspot

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



86, 19.728, 349.039



96, 6.424, 347.770



85, 25.840, 311.620



51, 4.265, 347.838



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, 19.728, 349.039



86, 24.049, 349.423



86, 16.544, 24.744



49, 6.017, 348.122



40, 67.358, 8.371



10, 30.603, 1.502

Inverse Universe

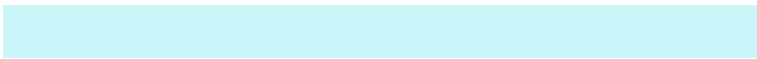
The Inverse Universe completely reimagines the original color for something new.



86, 19.728, 349.039



86, 24.049, 349.423



94, 14.605, 203.192



49, 6.017, 348.122



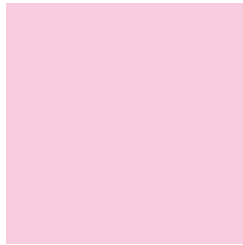
40, 67.358, 8.371



10, 30.603, 1.502

Previews

White Background



This preview shows how the CIELCh color 86, 19.731, 349.036 looks on a white background.

Color Contrast Check

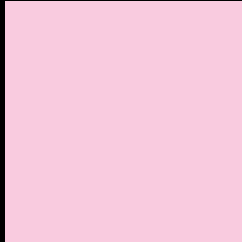
Large Text (above 18pt) WCAG AA × Fail

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, 19.731, 349.036 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, 19.731, 349.036

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.731, 349.036.



This preview shows how white text looks on a background with the CIELCh color 86, 19.731, 349.036.

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, 19.731, 349.036

Protanopia
86, 7.891, 293.393

Deuteranopia
86, 11.064, 342.268



Tritanopia
86, 18.474, 354.007

Trichromacy



Original Color
86, 19.731, 349.036

Protanomaly
86, 10.843, 324.827

Deuteranomaly
86, 14.039, 346.520

Tritanomaly
86, 18.693, 352.557

Monochromacy



Original Color
86, 19.731, 349.036

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.187, 349.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.731, 349.036 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(249, 203, 223)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 223)  
}
```

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(249, 203, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.731, 349.036 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(249, 203, 223) }
```

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

```
.border{ border-color:rgb(249, 203, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 203, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 203, 223); box-shadow:4px 4px 4px 4px rgb(249, 203, 223) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.731, 349.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 223) }
```

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

```
.background{ background-color: rgb(249,  
203, 223) }
```

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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