

Converting Colors

CIELCh(90, 38.278, 0.441)

Have a look what the booklet for
CIELCh(90, 38.278, 0.441) contains.

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Color

CIELCh(86, 24.970, 345.614)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7E3
RGB	255, 199, 227
RGB Percent	100%, 78%, 89%
CMY	0.0000, 0.2178, 0.1079
CMYK	0.00, 0.22, 0.11, 0.00
HSL	330°, 100%, 89%
HSV	330°, 22%, 100%
XYZ	75.8821, 67.9871, 82.1403
YIQ	218.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

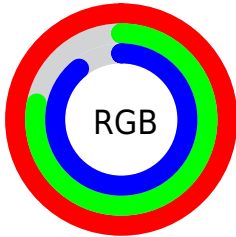
Format	Color
R_{YB}	255, 199, 227
Decimal	16762851
CIE _{Lab}	86.00, 24.19, -6.20
CIE _{LCh}	86, 24.970, 345.614
Yxy	67.9871, 0.3357, 0.3008
Android (android.graphics.Color)	4294952931 (0xFFFFC7E3)
YUV	218.9360, 3.9756, 31.6281
Hunter-Lab	82.4543, 19.9772, -1.3462

Details

The CIELCh color **86, 24.970, 345.614** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 24.165, 161.482**, 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, 25.001, 345.547** is the 20% darker color. If you saturate the color by 10%, you get **80, 36.397, 346.433**, and if you desaturate by 10%, it is **92, 13.293, 344.385**.

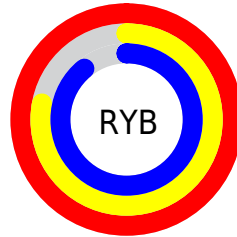
Distribution



Red (100%)

Green (78%)

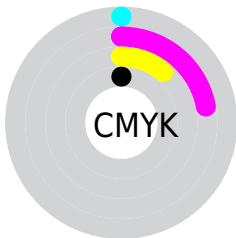
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

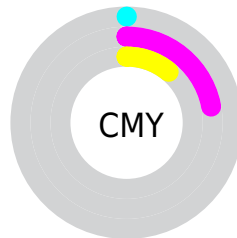


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 24.970, 345.614 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, 24.970, 345.614 by changing the saturation by 10% instead.

 86, 24.970,
345.614

 86, 24.970,
345.614


 100, 24.970,
345.614


 76, 24.970,
345.614

 66, 24.970,
345.614

 56, 24.970,
345.614

 46, 24.970,
345.614

 36, 24.970,
345.614

 26, 24.970,
345.614

 16, 24.970,

345.614

■ 6, 24.970, 345.614

■ 0, 24.970, 345.614

■ 86, 24.970,
345.614

■ 86, 24.970,
345.614

■ 80, 36.397,
346.433

■ 92, 13.293,
344.385

■ 74, 47.732,
347.666

■ 99, 1.984, 343.320

■ 69, 58.415,
349.111

100, 0.012,
296.813

■ 64, 67.904,
350.849

■ 60, 75.592,

352.997

■ 58, 80.957,
355.703

■ 56, 83.803,
359.137

■ 55, 84.678, 2.524

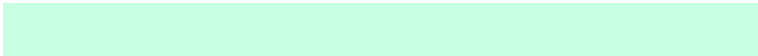
Harmonies

Complementary

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



86, 24.970, 345.614



96, 24.165, 161.482

Rectangle

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



86, 24.970, 345.614



86, 24.970, 35.614



86, 24.970, 165.614



86, 24.970, 215.614

Sweetspot

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



86, 24.823, 345.354



95, 7.857, 343.940



84, 30.808, 309.542



50, 5.109, 343.997



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, 24.823, 345.354



83, 29.721, 345.794



85, 21.091, 19.728



50, 6.401, 344.174



41, 68.295, 1.703



10, 31.910, 356.170

Inverse Universe

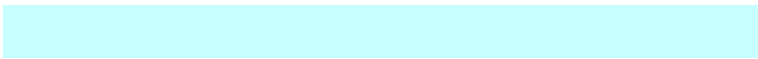
The Inverse Universe completely reimagines the original color for something new.



86, 24.823, 345.354



83, 29.721, 345.794



96, 18.313, 196.798



50, 6.401, 344.174



41, 68.295, 1.703



10, 31.910, 356.170

Previews

White Background



This preview shows how the CIELCh color 86, 24.970, 345.614 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, 24.970, 345.614 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, 24.970, 345.614

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.970, 345.614.



This preview shows how white text looks on a background with the CIELCh color 86, 24.970, 345.614.

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, 24.970, 345.614

Protanopia

86, 11.549, 289.438

Deuteranopia

86, 11.953, 332.080



Tritanopia
86, 21.208, 357.981

Trichromacy



Original Color
86, 24.970, 345.614

Protanomaly
86, 14.346, 319.000

Deuteranomaly
86, 16.487, 338.871

Tritanomaly
86, 22.561, 352.200

Monochromacy



Original Color
86, 24.970, 345.614

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.954, 344.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.970, 345.614 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(255, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 227)  
}
```

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(255, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.970, 345.614 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(255, 199, 227) }
```

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

```
.border{ border-color:rgb(255, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.970, 345.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 227) }
```

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

```
.background{ background-color: rgb(255,  
199, 227) }
```

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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