

Converting Colors

CIELCh(90, 41.113, 346.458)

Have a look what the booklet for
CIELCh(90, 41.113, 346.458)
contains.

CIELCh(86, 32.091, 330.470)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 32.091, 330.470)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6F6
RGB	255, 198, 246
RGB Percent	100%, 78%, 96%
CMY	0.0018, 0.2252, 0.0371
CMYK	0.00, 0.22, 0.04, 0.00
HSL	309°, 98%, 89%
HSV	309°, 22%, 100%
XYZ	77.7301, 67.9871, 95.8504
YIQ	220.5150, 18.5640, 27.0120

Conversions

Conversions Part 2

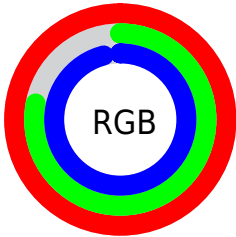
Format	Color
R _{YB}	255, 198, 246
Decimal	16762614
CIE _{Lab}	86.00, 27.92, -15.82
CIE _{LCh}	86, 32.091, 330.470
Y _{xy}	67.9871, 0.3218, 0.2814
Android (android.graphics.Color)	4294952694 (0xFFFFC6F6)
Y _{UV}	220.5150, 12.5641, 30.2433
Hunter-Lab	82.4543, 23.9779, -11.2047

Details

The CIELCh color **86, 32.091, 330.470** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 31.997, 147.523**, 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, 32.094, 330.427** is the 20% darker color. If you saturate the color by 10%, you get **80, 46.318, 331.115**, and if you desaturate by 10%, it is **92, 17.692, 329.833**.

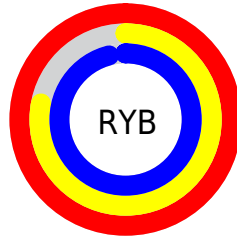
Distribution



Red (100%)

Green (78%)

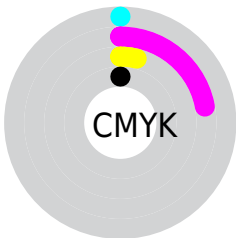
Blue (96%)



Red (100%)

Yellow (78%)

Blue (96%)

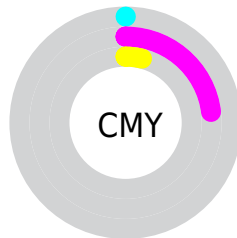


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 32.091, 330.470 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, 32.091, 330.470 by changing the saturation by 10% instead.


 86, 32.091,
330.470


 86, 32.091,
330.470


 100, 32.091,
330.470


 76, 32.091,
330.470

 66, 32.091,
330.470

 56, 32.091,
330.470

 46, 32.091,
330.470

 36, 32.091,
330.470

 26, 32.091,
330.470

 16, 32.091,

330.470

■ 6, 32.091, 330.470

■ 0, 32.091, 330.470

■ 86, 32.091,
330.470

■ 86, 32.091,
330.470

■ 80, 46.318,
331.115

■ 92, 17.692,
329.833

■ 75, 60.012,
331.768

■ 98, 3.386, 329.138

■ 70, 72.669,
332.426

100, 0.159,
203.571

■ 66, 83.684,
333.091

■ 63, 92.415,

333.769

■ 60, 98.339,
334.478

■ 59, 101.242,
335.242

■ 58, 101.779,
335.872

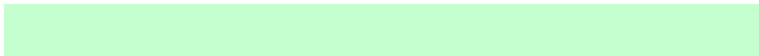
Harmonies

Complementary

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



86, 32.091, 330.470



95, 31.997, 147.523

Rectangle

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



86, 32.091, 330.470



86, 32.091, 20.470



86, 32.091, 150.470



86, 32.091, 200.470

Sweetspot

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



86, 32.088, 330.470



96, 9.983, 329.487



82, 30.443, 298.020



51, 6.489, 329.527



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, 32.088, 330.470



83, 38.755, 330.767



85, 23.358, 354.878



50, 8.121, 329.650



44, 82.261, 335.719



12, 38.402, 334.678

Inverse Universe

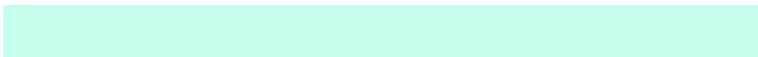
The Inverse Universe completely reimagines the original color for something new.



86, 32.088, 330.470



83, 38.755, 330.767



96, 22.119, 170.440



50, 8.121, 329.650



44, 82.261, 335.719



12, 38.402, 334.678

Previews

White Background



This preview shows how the CIELCh color 86, 32.091, 330.470 looks on a white background.

Color Contrast Check

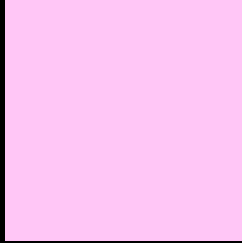
Large Text (above 18pt) WCAG AA × Fail

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, 32.091, 330.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

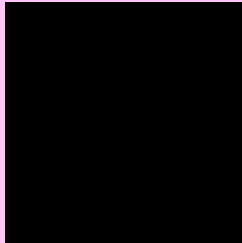
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 32.091, 330.470

Background



This preview shows how black text looks on a background with the CIELCh color 86, 32.091, 330.470.



This preview shows how white text looks on a background with the CIELCh color 86, 32.091, 330.470.

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, 32.091, 330.470

Protanopia
86, 21.583, 285.835

Deuteranopia
86, 17.980, 305.991



Tritanopia
86, 19.827, 356.117

Trichromacy



Original Color
86, 32.091, 330.470



Protanomaly
86, 23.852, 305.158



Deuteranomaly
86, 22.930, 317.778

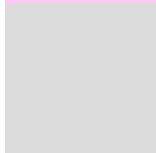


Tritanomaly
86, 23.795, 343.387

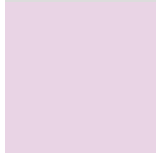
Monochromacy



Original Color
86, 32.091, 330.470



Achromatopsia
88, 0.010, 296.813



Achromatomaly
87, 11.689, 330.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 32.091, 330.470 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, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 246)  
}
```

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, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 32.091, 330.470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

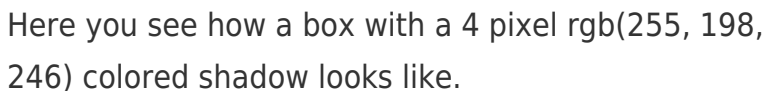
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 198, 246) }
```

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

```
.border{ border-color:rgb(255, 198, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 198, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 246); box-shadow:4px 4px 4px 4px rgb(255, 198, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 32.091, 330.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 246) }
```

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

```
.background{ background-color: rgb(255,  
198, 246) }
```

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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