

Converting Colors

CIELCh(86, 23.222, 325.592)

Have a look what the booklet for
CIELCh(86, 23.222, 325.592)
contains.

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Color

CIELCh(86, 23.002, 326.013)

Conversions

Conversions Part 1

Format	Color
Hex	F1CCF0
RGB	241, 204, 240
RGB Percent	95%, 80%, 94%
CMY	0.0560, 0.2010, 0.0599
CMYK	0.00, 0.15, 0.00, 0.06
HSL	302°, 56%, 87%
HSV	302°, 15%, 94%
XYZ	73.3995, 67.9871, 91.4800
YIQ	219.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

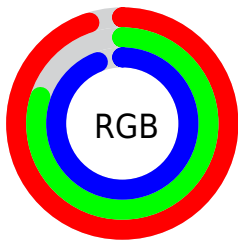
Format	Color
R _Y B	241, 204, 240
Decimal	15846640
CIE Lab	86.00, 19.07, -12.86
CIE LCh	86, 23.002, 326.013
Yxy	67.9871, 0.3152, 0.2920
Android (android.graphics.Color)	4294036720 (0xFFFF1CCF0)
YUV	219.1670, 10.2707, 19.1475
Hunter-Lab	82.4543, 14.6028, -8.0620

Details

The CIELCh color **86, 23.002, 326.013** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92, 22.974, 144.215**, 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, 22.862, 326.241** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.011, 326.575**, and if you desaturate by 10%, it is **92, 7.989, 325.429**.

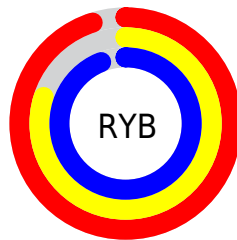
Distribution



Red (95%)

Green (80%)

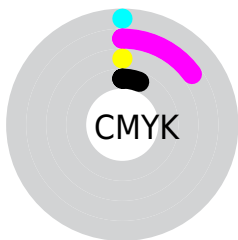
Blue (94%)



Red (95%)

Yellow (80%)

Blue (94%)

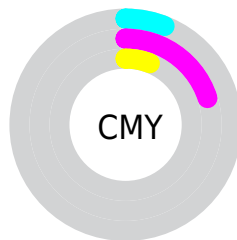


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (20%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.002, 326.013 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, 23.002, 326.013 by changing the saturation by 10% instead.


 86, 23.002,
326.013


 86, 23.002,
326.013


 100, 23.002,
326.013


 76, 23.002,
326.013

 66, 23.002,
326.013

 56, 23.002,
326.013

 46, 23.002,
326.013

 36, 23.002,
326.013

 26, 23.002,
326.013

 16, 23.002,

326.013

■ 6, 23.002, 326.013

■ 0, 23.002, 326.013

■ 86, 23.002,
326.013

■ 86, 23.002,
326.013

■ 80, 38.011,
326.575

■ 92, 7.989, 325.429

■ 75, 52.725,
327.118

■ 98, 6.819, 144.960

■ 99, 8.478, 145.993

■ 70, 66.727,
327.630

■ 99, 8.212, 147.350

■ 66, 79.492,
328.097

■ 99, 7.950, 148.794

■ 99, 7.694, 150.334

■ 62, 90.424,

328.503

99, 7.444, 151.978

60, 98.952,
328.837

99, 7.200, 153.732

58, 104.686,
329.095

99, 6.963, 155.607

57, 107.590,
329.282

57, 108.283,
329.353

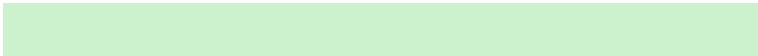
Harmonies

Complementary

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



86, 23.002, 326.013



92, 22.974, 144.215

Rectangle

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



86, 23.002, 326.013



86, 23.002, 16.013



86, 23.002, 146.013



86, 23.002, 196.013

Sweetspot

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



86, 22.999, 326.013



97, 7.800, 325.407



83, 19.585, 292.466



51, 5.324, 325.451



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, 22.999, 326.013



89, 28.255, 326.166



85, 16.395, 345.885



47, 8.452, 325.675



43, 88.409, 329.334



10, 38.708, 329.177

Inverse Universe

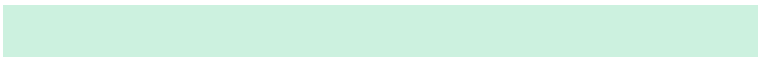
The Inverse Universe completely reimagines the original color for something new.



86, 22.999, 326.013



89, 28.255, 326.166



92, 16.052, 163.238



47, 8.452, 325.675



43, 88.409, 329.334



10, 38.708, 329.177

Previews

White Background



This preview shows how the CIELCh color 86, 23.002, 326.013 looks on a white background.

Color Contrast Check

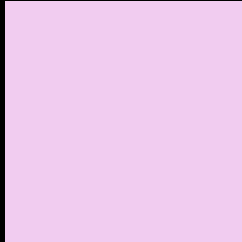
Large Text (above 18pt) WCAG AA × Fail

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, 23.002, 326.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

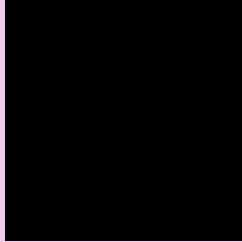
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 23.002, 326.013

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.002, 326.013.



This preview shows how white text looks on a background with the CIELCh color 86, 23.002, 326.013.

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, 23.002, 326.013

Protanopia
86, 16.822, 286.987

Deuteranopia
86, 16.797, 310.772



Tritanopia
86, 14.032, 343.858

Trichromacy



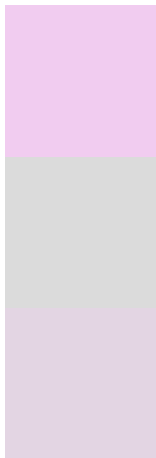
Original Color
86, 23.002, 326.013

Protanomaly
86, 18.330, 303.505

Deuteranomaly
86, 18.876, 317.861

Tritanomaly
86, 16.929, 335.350

Monochromacy



Original Color
86, 23.002, 326.013

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.922, 324.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.002, 326.013 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(241, 204, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 240)  
}
```

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(241, 204, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.002, 326.013 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(241, 204, 240) }
```

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

```
.border{ border-color:rgb(241, 204, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 204, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.002, 326.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 240) }
```

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

```
.background{ background-color: rgb(241,  
204, 240) }
```

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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