

Converting Colors

CIELCh(87, 21.314, 325.987)

Have a look what the booklet for
CIELCh(87, 21.314, 325.987)
contains.

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Color

CIELCh(87, 21.711, 326.006)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFF1
RGB	242, 207, 241
RGB Percent	95%, 81%, 95%
CMY	0.0501, 0.1874, 0.0541
CMYK	0.00, 0.14, 0.00, 0.05
HSL	302°, 58%, 88%
HSV	302°, 14%, 95%
XYZ	74.9650, 70.0064, 92.9487
YIQ	221.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

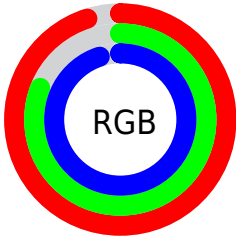
Format	Color
R _Y B	242, 207, 241
Decimal	15912945
CIE Lab	87.00, 18.00, -12.14
CIE LCh	87, 21.711, 326.006
Yxy	70.0064, 0.3151, 0.2942
Android (android.graphics.Color)	4294103025 (0xFF2CFF1)
YUV	221.3410, 9.6919, 18.1179
Hunter-Lab	83.6698, 13.5070, -7.2963

Details

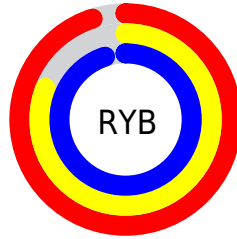
The CIELCh color **87, 21.711, 326.006** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92, 21.683, 144.324**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 21.503, 326.224** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.790, 326.570**, and if you desaturate by 10%, it is **93, 6.650, 325.415**.

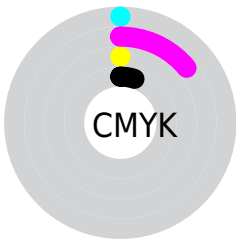
Distribution



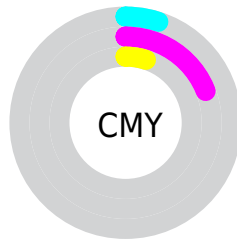
- Red (95%)
- Green (81%)
- Blue (95%)



- Red (95%)
- Yellow (81%)
- Blue (95%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 21.711, 326.006 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 87, 21.711, 326.006 by changing the saturation by 10% instead.

 87, 21.711,
326.006

 87, 21.711,
326.006


 100, 21.711,
326.006

 77, 21.711,
326.006

 67, 21.711,
326.006

 57, 21.711,
326.006

 47, 21.711,
326.006

 37, 21.711,
326.006

 27, 21.711,
326.006

 17, 21.711,

326.006

■ 7, 21.711, 326.006

■ 0, 21.711, 326.006

■ 87, 21.711,
326.006

■ 87, 21.711,
326.006

■ 81, 36.790,
326.570

■ 93, 6.650, 325.415

■ 76, 51.604,
327.117

■ 99, 7.782, 145.004

■ 99, 7.495, 146.550

■ 71, 65.747,
327.634

■ 99, 7.214, 148.215

■ 67, 78.697,
328.107

■ 99, 6.940, 150.013

■ 99, 6.672, 151.954

■ 63, 89.860,

328.522

99, 6.413, 154.053

60, 98.654,
328.866

99, 6.162, 156.323

58, 104.663,
329.135

99, 5.922, 158.780

57, 107.809,
329.334

57, 108.649,
329.423

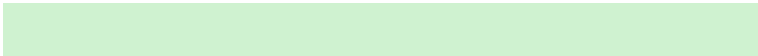
Harmonies

Complementary

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



87, 21.711, 326.006



92, 21.683, 144.324

Rectangle

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



87, 21.711, 326.006



87, 21.711, 16.006



87, 21.711, 146.006



87, 21.711, 196.006

Sweetspot

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



87, 21.708, 326.006



97, 6.230, 325.385



84, 18.478, 292.358



52, 4.429, 325.435



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 21.708, 326.006



90, 26.649, 326.154



87, 15.481, 345.797



47, 8.443, 325.720



43, 88.297, 329.402



10, 38.666, 329.235

Inverse Universe

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



87, 21.708, 326.006



90, 26.649, 326.154



93, 15.175, 163.326



47, 8.443, 325.720



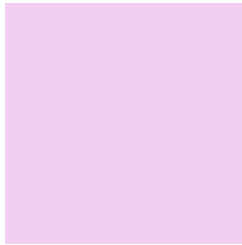
43, 88.297, 329.402



10, 38.666, 329.235

Previews

White Background



This preview shows how the CIELCh color 87, 21.711, 326.006 looks on a white background.

Color Contrast Check

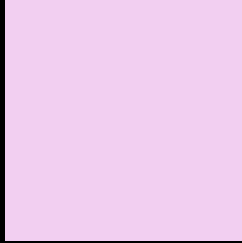
Large Text (above 18pt) WCAG AA × Fail

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 87, 21.711, 326.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

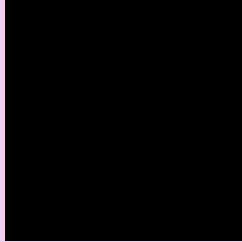
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 21.711, 326.006

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.711, 326.006.



This preview shows how white text looks on a background with the CIELCh color 87, 21.711, 326.006.

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
87, 21.711, 326.006

Protanopia
87, 16.253, 287.954

Deuteranopia
87, 15.902, 313.205



Tritanopia
87, 13.708, 342.899

Trichromacy



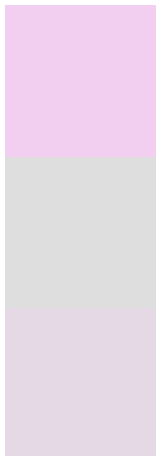
Original Color
87, 21.711, 326.006

Protanomaly
87, 17.261, 304.175

Deuteranomaly
87, 17.908, 319.355

Tritanomaly
87, 16.640, 334.422

Monochromacy



Original Color
87, 21.711, 326.006

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 7.631, 324.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.711, 326.006 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(242, 207, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 241)  
}
```

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(242, 207, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.711, 326.006 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(242, 207, 241) }
```

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

```
.border{ border-color:rgb(242, 207, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 207, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.711, 326.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 241) }
```

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

```
.background{ background-color: rgb(242,  
207, 241) }
```

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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