

Converting Colors

CIELCh(87, 30.538, 321.311)

Have a look what the booklet for
CIELCh(87, 30.538, 321.311)
contains.

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Color

CIELCh(87, 30.160, 321.494)

Conversions

Conversions Part 1

Format	Color
Hex	F7CCFE
RGB	247, 204, 254
RGB Percent	97%, 80%, 100%
CMY	0.0320, 0.2006, 0.0045
CMYK	0.03, 0.20, 0.00, 0.00
HSL	292°, 96%, 90%
HSV	292°, 20%, 100%
XYZ	77.7249, 70.0064, 103.0514
YIQ	222.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

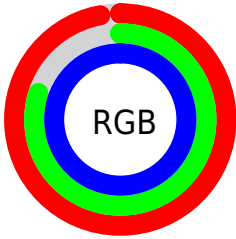
Format	Color
R_{YB}	247, 204, 254
Decimal	16239870
CIE _{Lab}	87.00, 23.60, -18.78
CIE _{LCh}	87, 30.160, 321.494
Yxy	70.0064, 0.3099, 0.2792
Android (android.graphics.Color)	4294429950 (0xFFF7CCFE)
YUV	222.5570, 15.5014, 21.4365
Hunter-Lab	83.6698, 19.3949, -14.4553

Details

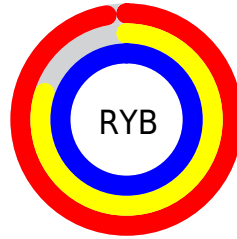
The CIELCh color **87, 30.160, 321.494** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 29.963, 139.524**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 29.714, 321.407** is the 20% darker color. If you saturate the color by 10%, you get **81, 45.581, 321.962**, and if you desaturate by 10%, it is **93, 14.749, 321.011**.

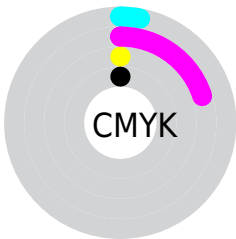
Distribution



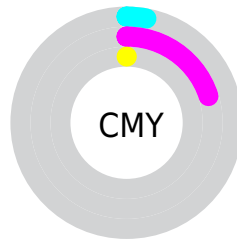
- Red (97%)
- Green (80%)
- Blue (100%)



- Red (97%)
- Yellow (80%)
- Blue (100%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (20%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 30.160, 321.494 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, 30.160, 321.494 by changing the saturation by 10% instead.

 87, 30.160,
321.494

 87, 30.160,
321.494

 100, 30.160,
321.494

 77, 30.160,
321.494

 67, 30.160,
321.494

 57, 30.160,
321.494

 47, 30.160,
321.494

 37, 30.160,
321.494

 27, 30.160,
321.494

 17, 30.160,

321.494

■ 7, 30.160, 321.494

■ 0, 30.160, 321.494

■ 87, 30.160,
321.494

■ 87, 30.160,
321.494

■ 81, 45.581,
321.962

■ 93, 14.749,
321.011

■ 75, 60.722,
322.401

100, 0.452,
141.155

■ 70, 75.155,
322.785

100, 0.574,
110.000

■ 65, 88.315,
323.085

■ 61, 99.535,

323.264

■ 58, 108.153,
323.285

■ 55, 113.713,
323.120

■ 54, 116.412,
322.774

■ 54, 116.478,
322.762

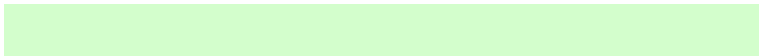
Harmonies

Complementary

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



87, 30.160, 321.494



96, 29.963, 139.524

Rectangle

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



87, 30.160, 321.494



87, 30.160, 11.494



87, 30.160, 141.494



87, 30.160, 191.494

Sweetspot

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



87, 30.157, 321.494



96, 9.137, 320.826



85, 22.423, 285.745



51, 6.063, 320.859



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, 30.157, 321.494



85, 36.949, 321.698



87, 24.617, 337.844



50, 8.681, 321.002



41, 94.113, 322.851



10, 43.214, 323.475

Inverse Universe

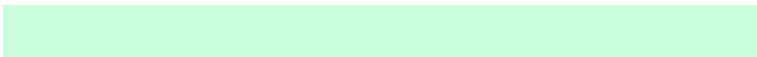
The Inverse Universe completely reimagines the original color for something new.



86, 18.975, 9.840



84, 23.497, 10.377



96, 24.344, 154.835



50, 5.333, 8.713



40, 77.989, 33.705



10, 32.341, 21.441

Previews

White Background



This preview shows how the CIELCh color 87, 30.160, 321.494 looks on a white background.

Color Contrast Check

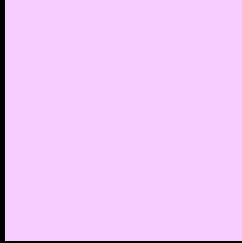
Large Text (above 18pt) WCAG AA × Fail

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, 30.160, 321.494 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, 30.160, 321.494

Background



This preview shows how black text looks on a background with the CIELCh color 87, 30.160, 321.494.



This preview shows how white text looks on a background with the CIELCh color 87, 30.160, 321.494.

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, 30.160, 321.494

Protanopia

87, 20.481, 286.305

Deuteranopia

87, 20.786, 301.200



Tritanopia
87, 14.898, 346.475

Trichromacy



Original Color
87, 30.160, 321.494



Protanomaly
87, 22.924, 301.285



Deuteranomaly
87, 23.860, 310.254

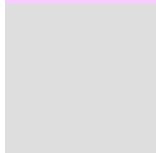


Tritanomaly
87, 19.741, 333.068

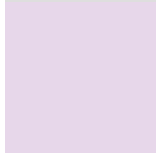
Monochromacy



Original Color
87, 30.160, 321.494



Achromatopsia
88, 0.011, 296.813



Achromatomaly
88, 11.491, 320.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 30.160, 321.494 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(247, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 254)  
}
```

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(247, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 30.160, 321.494 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(247, 204, 254) }
```

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

```
.border{ border-color:rgb(247, 204, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 30.160, 321.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 254) }
```

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

```
.background{ background-color: rgb(247,  
204, 254) }
```

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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