

Converting Colors

CIELCh(87, 25.296, 322.518)

Have a look what the booklet for
CIELCh(87, 25.296, 322.518)
contains.

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Color

CIELCh(87, 25.120, 322.588)

Conversions

Conversions Part 1

Format	Color
Hex	F3CEF7
RGB	243, 206, 247
RGB Percent	95%, 81%, 97%
CMY	0.0465, 0.1916, 0.0308
CMYK	0.02, 0.17, 0.00, 0.03
HSL	294°, 72%, 89%
HSV	294°, 17%, 97%
XYZ	75.9193, 70.0064, 97.6143
YIQ	221.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

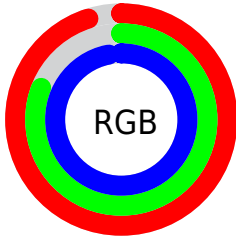
Format	Color
R_{YB}	243, 206, 247
Decimal	15978231
CIE _{Lab}	87.00, 19.95, -15.26
CIE _{LCh}	87, 25.120, 322.588
Yxy	70.0064, 0.3117, 0.2875
Android (android.graphics.Color)	4294168311 (0xFFFF3CEF7)
YUV	221.7370, 12.4547, 18.6477
Hunter-Lab	83.6698, 15.5429, -10.6024

Details

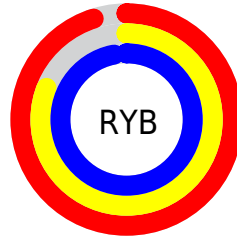
The CIELCh color **87, 25.120, 322.588** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 25.015, 140.876**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 25.080, 322.616** is the 20% darker color. If you saturate the color by 10%, you get **81, 40.369, 323.080**, and if you desaturate by 10%, it is **93, 9.913, 322.078**.

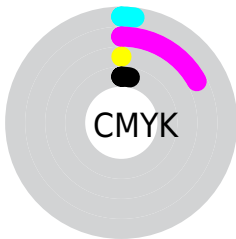
Distribution



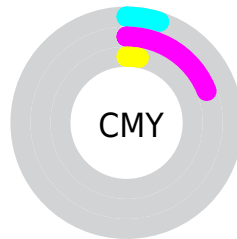
- Red (95%)
- Green (81%)
- Blue (97%)



- Red (95%)
- Yellow (81%)
- Blue (97%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (5%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 25.120, 322.588 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, 25.120, 322.588 by changing the saturation by 10% instead.

 87, 25.120,
322.588

 87, 25.120,
322.588


 100, 25.120,
322.588

 77, 25.120,
322.588

 67, 25.120,
322.588

 57, 25.120,
322.588

 47, 25.120,
322.588

 37, 25.120,
322.588

 27, 25.120,
322.588

 17, 25.120,

322.588

■ 7, 25.120, 322.588

■ 0, 25.120, 322.588

■ 87, 25.120,
322.588

■ 87, 25.120,
322.588

■ 81, 40.369,
323.080

■ 93, 9.913, 322.078

■ 75, 55.392,
323.546

■ 99, 4.716, 141.494

■ 70, 69.789,
323.969

■ 99, 4.320, 132.031

■ 66, 83.038,
324.320

■ 100, 4.064,
120.978

■ 62, 94.511,

■ 100, 3.978,
109.861

324.572

■ 58, 103.573,
324.694

■ 56, 109.745,
324.663

■ 55, 112.932,
324.470

■ 54, 113.608,
324.382

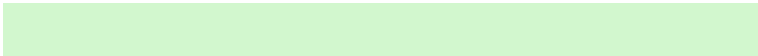
Harmonies

Complementary

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



87, 25.120, 322.588



94, 25.015, 140.876

Rectangle

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



87, 25.120, 322.588



87, 25.120, 12.588



87, 25.120, 142.588



87, 25.120, 192.588

Sweetspot

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



87, 25.117, 322.588



97, 7.706, 321.992



85, 19.445, 287.777



51, 5.260, 322.031



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, 25.117, 322.588



87, 31.104, 322.759



87, 19.568, 339.912



48, 8.501, 322.229



41, 91.821, 324.447



10, 40.777, 324.937

Inverse Universe

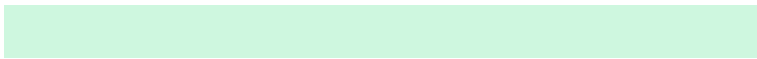
The Inverse Universe completely reimagines the original color for something new.



86, 15.397, 12.805



87, 19.253, 13.189



94, 19.320, 157.313



48, 5.112, 12.074



39, 78.419, 35.993



8, 30.451, 21.063

Previews

White Background



This preview shows how the CIELCh color 87, 25.120, 322.588 looks on a white background.

Color Contrast Check

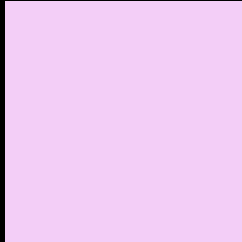
Large Text (above 18pt) WCAG AA × Fail

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, 25.120, 322.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

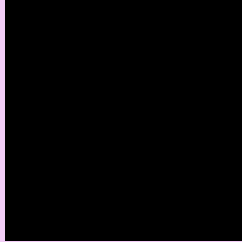
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 25.120, 322.588

Background



This preview shows how black text looks on a background with the CIELCh color 87, 25.120, 322.588.

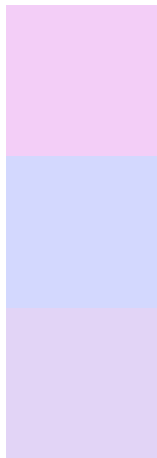


This preview shows how white text looks on a background with the CIELCh color 87, 25.120, 322.588.

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, 25.120, 322.588

Protanopia
87, 19.938, 287.048

Deuteranopia
87, 18.543, 306.634



Tritanopia
87, 13.708, 342.899

Trichromacy



Original Color
87, 25.120, 322.588

Protanomaly
87, 21.379, 301.899

Deuteranomaly
87, 20.442, 313.470

Tritanomaly
87, 17.394, 332.023

Monochromacy



Original Color
87, 25.120, 322.588

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 9.334, 322.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 25.120, 322.588 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(243, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 247)  
}
```

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(243, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 25.120, 322.588 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(243, 206, 247) }
```

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

```
.border{ border-color:rgb(243, 206, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 25.120, 322.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 247) }
```

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

```
.background{ background-color: rgb(243,  
206, 247) }
```

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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