

Converting Colors

CIELCh(90, 52.349, 307.281)

Have a look what the booklet for
CIELCh(90, 52.349, 307.281)
contains.

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Color

CIELCh(88, 27.612, 321.053)

Conversions

Conversions Part 1

Format	Color
Hex	F7D0FE
RGB	247, 208, 254
RGB Percent	97%, 82%, 100%
CMY	0.0313, 0.1841, 0.0039
CMYK	0.03, 0.18, 0.00, 0.00
HSL	291°, 96%, 91%
HSV	291°, 18%, 100%
XYZ	78.8189, 72.0653, 103.5301
YIQ	224.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

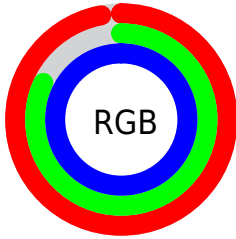
Format	Color
R_{YB}	247, 208, 254
Decimal	16240894
CIE _{Lab}	88.00, 21.47, -17.36
CIE _{LCh}	88, 27.612, 321.053
Yxy	72.0653, 0.3098, 0.2833
Android (android.graphics.Color)	4294430974 (0xFFFF7D0FE)
YUV	224.9050, 14.3438, 19.3773
Hunter-Lab	84.8913, 17.1719, -12.8839

Details

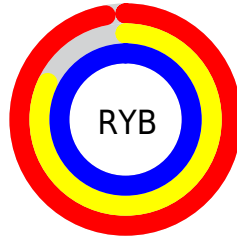
The CIELCh color `88, 27.612, 321.053` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `96, 27.427, 139.281`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 27.729, 321.033` is the 20% darker color. If you saturate the color by 10%, you get `82, 43.018, 321.520`, and if you desaturate by 10%, it is `94, 12.264, 320.572`.

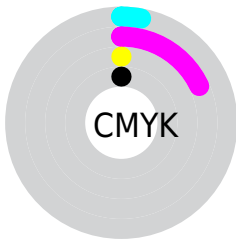
Distribution



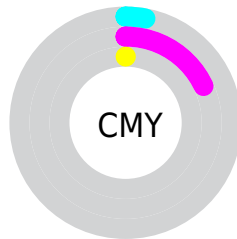
- Red (97%)
- Green (82%)
- Blue (100%)



- Red (97%)
- Yellow (82%)
- Blue (100%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 27.612, 321.053 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 88, 27.612, 321.053 by changing the saturation by 10% instead.


 88, 27.612,
321.053


 88, 27.612,
321.053


 100, 27.612,
321.053


 78, 27.612,
321.053

 68, 27.612,
321.053

 58, 27.612,
321.053

 48, 27.612,
321.053

 38, 27.612,
321.053

 28, 27.612,
321.053

 18, 27.612,

321.053

■ 8, 27.612, 321.053

■ 0, 27.612, 321.053

■ 88, 27.612,
321.053

■ 88, 27.612,
321.053

■ 82, 43.018,
321.520

■ 94, 12.264,
320.572

■ 76, 58.218,
321.960

100, 0.499,
120.139

■ 70, 72.810,
322.351

100, 0.490,
109.983

■ 65, 86.256,
322.662

■ 61, 97.899,

322.855

■ 58, 107.054,
322.891

■ 55, 113.200,
322.738

■ 54, 116.294,
322.383

■ 54, 116.713,
322.305

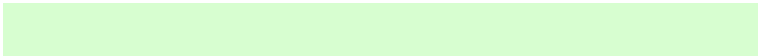
Harmonies

Complementary

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



88, 27.612, 321.053



96, 27.427, 139.281

Rectangle

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



88, 27.612, 321.053



88, 27.612, 11.053



88, 27.612, 141.053



88, 27.612, 191.053

Sweetspot

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



88, 27.609, 321.053



97, 7.581, 320.415



87, 20.173, 284.628



51, 5.175, 320.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 27.609, 321.053



86, 33.738, 321.237



88, 22.877, 336.975



50, 8.651, 320.641



40, 94.252, 322.400



10, 43.266, 323.074

Inverse Universe

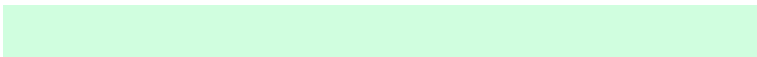
The Inverse Universe completely reimagines the original color for something new.



88, 17.404, 8.702



85, 21.462, 9.176



96, 22.662, 154.282



50, 5.350, 7.754



40, 77.361, 32.932



10, 32.266, 20.922

Previews

White Background



This preview shows how the CIELCh color 88, 27.612, 321.053 looks on a white background.

Color Contrast Check

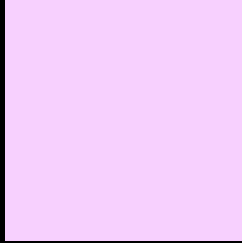
Large Text (above 18pt) WCAG AA × Fail

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 88, 27.612, 321.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

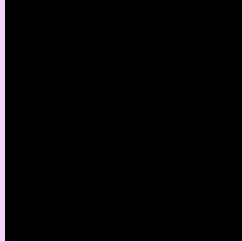
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 27.612, 321.053

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.612, 321.053.




This preview shows how white text looks on a background with the CIELCh color 88, 27.612, 321.053.

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





Tritanopia
88, 14.280, 342.142

Trichromacy



Original Color
88, 27.633, 321.057



Protanomaly
88, 21.324, 301.886



Deuteranomaly
88, 22.838, 311.060

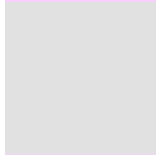


Tritanomaly
88, 18.371, 330.722

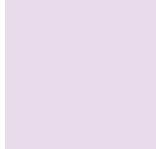
Monochromacy



Original Color
88, 27.633, 321.057



Achromatopsia
90, 0.011, 296.813



Achromatomaly
89, 10.202, 319.811

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.612, 321.053 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, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 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, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.612, 321.053 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, 208, 254) }
```

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

```
.border{ border-color:rgb(247, 208, 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, 208, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 208, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 208, 254); box-shadow:4px 4px 4px 4px rgb(247, 208, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.612, 321.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 254) }
```

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

```
.background{ background-color: rgb(247,  
208, 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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