

Converting Colors

CIELCh(89, 21.547, 313.252)

Have a look what the booklet for
CIELCh(89, 21.547, 313.252)
contains.

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Color

CIELCh(89, 21.927, 312.798)

Conversions

Conversions Part 1

Format	Color
Hex	EED7FE
RGB	238, 215, 254
RGB Percent	93%, 84%, 100%
CMY	0.0654, 0.1556, 0.0027
CMYK	0.06, 0.15, 0.00, 0.00
HSL	275°, 97%, 92%
HSV	275°, 15%, 100%
XYZ	77.6834, 74.1641, 104.2522
YIQ	226.3230, 1.1890, 17.0050

Conversions

Conversions Part 2

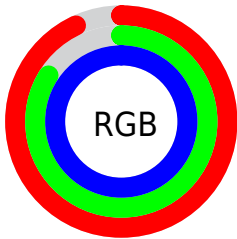
Format	Color
R _Y B	238, 215, 254
Decimal	15652862
CIE _{Lab}	89.00, 14.90, -16.09
CIE _{LCh}	89, 21.927, 312.798
Y _{xy}	74.1641, 0.3033, 0.2896
Android (android.graphics.Color)	4293842942 (0xFFEED7FE)
YUV	226.3230, 13.6448, 10.2407
Hunter-Lab	86.1186, 10.3085, -11.4914

Details

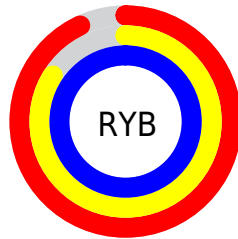
The CIELCh color `89, 21.927, 312.798` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 21.556, 131.476`, and the grayscale version is `90, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 21.926, 313.104` is the 20% darker color. If you saturate the color by 10%, you get `82, 36.628, 313.266`, and if you desaturate by 10%, it is `96, 7.537, 312.340`.

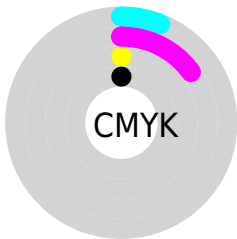
Distribution



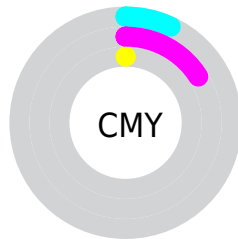
- Red (93%)
- Green (84%)
- Blue (100%)



- Red (93%)
- Yellow (84%)
- Blue (100%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 21.927, 312.798 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 89, 21.927, 312.798 by changing the saturation by 10% instead.


 89, 21.927,
312.798

 89, 21.927,
312.798


 100, 21.927,
312.798


 79, 21.927,
312.798

 69, 21.927,
312.798

 59, 21.927,
312.798

 49, 21.927,
312.798

 39, 21.927,
312.798

 29, 21.927,
312.798

 19, 21.927,

312.798

■ 9, 21.927, 312.798

■ 0, 21.927, 312.798

■ 89, 21.927,
312.798

■ 89, 21.927,
312.798

■ 82, 36.628,
313.266

■ 96, 7.537, 312.340

■ 75, 51.519,
313.743

100, 0.335,
109.922

■ 69, 66.374,
314.204

■ 62, 80.822,
314.609

■ 57, 94.292,

314.902

■ 52, 106.000,
315.003

■ 48, 115.032,
314.820

■ 45, 120.661,
314.266

■ 44, 122.369,
313.913

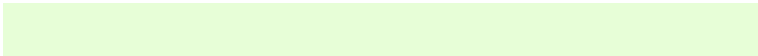
Harmonies

Complementary

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



89, 21.927, 312.798



97, 21.556, 131.476

Rectangle

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



89, 21.927, 312.798



89, 21.927, 2.798



89, 21.927, 132.798



89, 21.927, 182.798

Sweetspot

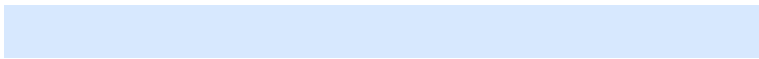
The Sweet Spot groups the original color and five complimentary colors.



89, 21.925, 312.797



96, 7.073, 312.324



91, 12.859, 266.076



51, 4.829, 312.357



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 21.925, 312.797



87, 25.868, 312.921



90, 23.096, 327.646



49, 8.086, 312.531



32, 98.615, 314.103



7, 44.703, 315.378

Inverse Universe

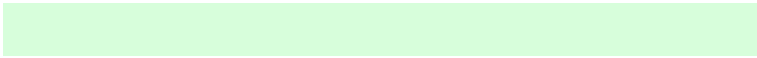
The Inverse Universe completely reimagines the original color for something new.



90, 16.360, 350.203



88, 19.310, 350.488



96, 23.060, 145.799



50, 6.025, 349.602



41, 68.212, 10.810



10, 31.323, 3.918

Previews

White Background



This preview shows how the CIELCh color 89, 21.927, 312.798 looks on a white background.

Color Contrast Check

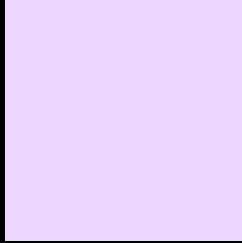
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 21.927, 312.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

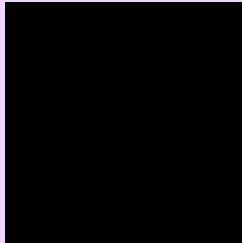
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

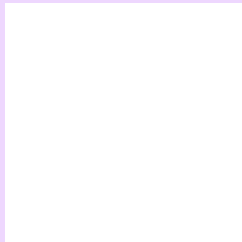
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 21.927, 312.798

Background



This preview shows how black text looks on a background with the CIELCh color 89, 21.927, 312.798.



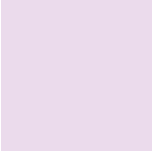
This preview shows how white text looks on a background with the CIELCh color 89, 21.927, 312.798.

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
89, 10.566, 323.200

Trichromacy



Original Color
89, 21.927, 312.798

Protanomaly
89, 18.368, 296.920

Deuteranomaly
89, 20.247, 308.340

Tritanomaly
89, 14.543, 316.785

Monochromacy



Original Color
89, 21.927, 312.798

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.849, 311.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 21.927, 312.798 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(238, 215, 254)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 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(238, 215, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 21.927, 312.798 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(238, 215, 254) }
```

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

```
.border{ border-color:rgb(238, 215, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 215, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 215, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 215, 254);  
box-shadow:4px 4px 4px 4px rgb(238, 215,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 21.927, 312.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 254) }
```

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

```
.background{ background-color: rgb(238,  
215, 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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