

Converting Colors

CIELCh(89, 24.716, 322.887)

Have a look what the booklet for
CIELCh(89, 24.716, 322.887)
contains.

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Color

CIELCh(89, 24.565, 323.202)

Conversions

Conversions Part 1

Format	Color
Hex	F9D4FC
RGB	249, 212, 252
RGB Percent	98%, 83%, 99%
CMY	0.0240, 0.1691, 0.0122
CMYK	0.01, 0.16, 0.00, 0.01
HSL	296°, 86%, 91%
HSV	296°, 16%, 99%
XYZ	80.0871, 74.1641, 102.0863
YIQ	227.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

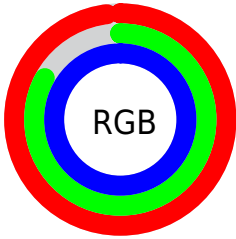
Format	Color
R _Y B	249, 212, 252
Decimal	16372988
CIE _{Lab}	89.00, 19.67, -14.71
CIE _{LCh}	89, 24.565, 323.202
Yxy	74.1641, 0.3124, 0.2893
Android (android.graphics.Color)	4294563068 (0xFFF9D4FC)
YUV	227.6230, 12.0179, 18.7476
Hunter-Lab	86.1186, 15.2909, -10.0003

Details

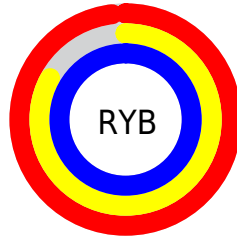
The CIELCh color $89, 24.565, 323.202$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 24.483, 141.523$, and the grayscale version is $90, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $69, 24.496, 323.257$ is the 20% darker color. If you saturate the color by 10%, you get $83, 40.134, 323.707$, and if you desaturate by 10%, it is $95, 9.036, 322.676$.

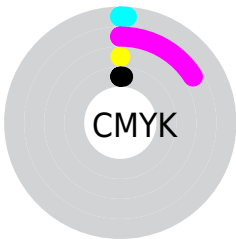
Distribution



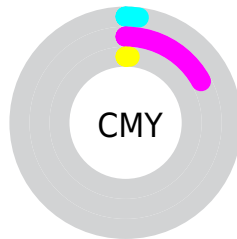
- Red (98%)
- Green (83%)
- Blue (99%)



- Red (98%)
- Yellow (83%)
- Blue (99%)



- Cyan (1%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (17%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 24.565, 323.202 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, 24.565, 323.202 by changing the saturation by 10% instead.

 89, 24.565,
323.202

 89, 24.565,
323.202


 100, 24.565,
323.202

 79, 24.565,
323.202

 69, 24.565,
323.202

 59, 24.565,
323.202

 49, 24.565,
323.202

 39, 24.565,
323.202

 29, 24.565,
323.202

 19, 24.565,

323.202

■ 9, 24.565, 323.202

■ 0, 24.565, 323.202

■ 89, 24.565,
323.202

■ 89, 24.565,
323.202

■ 83, 40.134,
323.707

■ 95, 9.036, 322.676

■ 77, 55.466,
324.188

100, 1.783,
137.394

■ 72, 70.152,
324.626

100, 1.583,
115.795

■ 67, 83.659,
324.998

100, 1.573,
110.011

■ 63, 95.355,

325.277

■ 60, 104.605,
325.437

■ 58, 110.935,
325.458

■ 57, 114.246,
325.333

■ 56, 115.021,
325.252

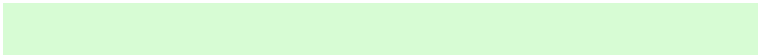
Harmonies

Complementary

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



89, 24.565, 323.202



95, 24.483, 141.523

Rectangle

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



89, 24.565, 323.202



89, 24.565, 13.202



89, 24.565, 143.202



89, 24.565, 193.202

Sweetspot

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



89, 24.562, 323.202



97, 7.760, 322.627



87, 19.224, 288.453



51, 5.296, 322.667



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, 24.562, 323.202



88, 29.726, 323.362



89, 18.792, 340.663



49, 8.705, 322.871



42, 92.572, 325.303



11, 41.852, 325.667

Inverse Universe

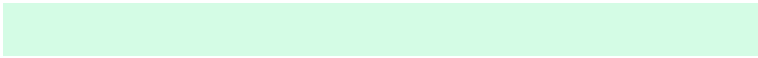
The Inverse Universe completely reimagines the original color for something new.



88, 14.898, 14.514



87, 18.201, 14.848



96, 18.541, 158.146



49, 5.183, 13.883



39, 80.271, 37.090



9, 31.674, 23.114

Previews

White Background



This preview shows how the CIELCh color 89, 24.565, 323.202 looks on a white background.

Color Contrast Check

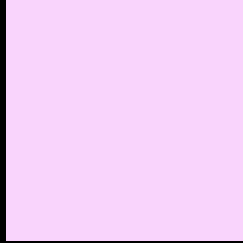
Large Text (above 18pt) WCAG AA × Fail

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 89, 24.565, 323.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

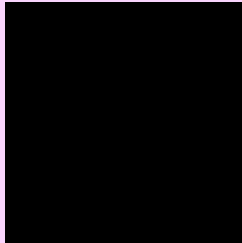
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 24.565, 323.202

Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.565, 323.202.



This preview shows how white text looks on a background with the CIELCh color 89, 24.565, 323.202.

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
89, 24.565, 323.202

Protanopia
89, 17.226, 287.119

Deuteranopia
89, 18.044, 308.095



Tritanopia
89, 14.245, 342.129

Trichromacy



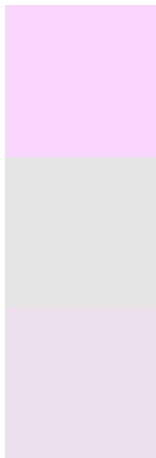
Original Color
89, 24.565, 323.202

Protanomaly
89, 19.225, 302.878

Deuteranomaly
89, 19.996, 314.942

Tritanomaly
89, 17.558, 332.912

Monochromacy



Original Color
89, 24.565, 323.202

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 9.288, 322.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 24.565, 323.202 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(249, 212, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 212, 252)  
}
```

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(249, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 212, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 24.565, 323.202 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(249, 212, 252) }
```

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

```
.border{ border-color:rgb(249, 212, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 212, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 212,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 24.565, 323.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 212, 252) }
```

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

```
.background{ background-color: rgb(249,  
212, 252) }
```

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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