

Converting Colors

CIELCh(79, 49.365, 327.005)

Have a look what the booklet for
CIELCh(79, 49.365, 327.005)
contains.

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Color

CIELCh(79, 49.004, 327.251)

Conversions

Conversions Part 1

Format	Color
Hex	F9A9F6
RGB	249, 169, 246
RGB Percent	98%, 66%, 96%
CMY	0.0251, 0.3387, 0.0369
CMYK	0.00, 0.32, 0.01, 0.03
HSL	302°, 86%, 82%
HSV	302°, 32%, 97%
XYZ	69.6120, 54.9284, 93.7999
YIQ	201.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

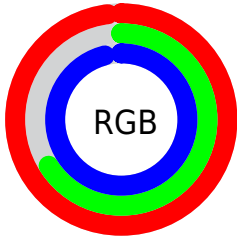
Format	Color
R _{YB}	249, 169, 246
Decimal	16361974
CIE _{Lab}	79.00, 41.21, -26.51
CIE _{LCh}	79, 49.004, 327.251
Yxy	54.9284, 0.3188, 0.2516
Android (android.graphics.Color)	4294552054 (0xFFFF9A9F6)
YUV	201.6980, 21.8409, 41.4839
Hunter-Lab	74.1137, 37.9588, -23.1591

Details

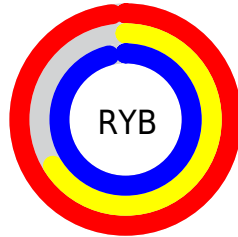
The CIELCh color $79, 49.004, 327.251$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $91, 49.018, 143.114$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $59, 49.411, 326.921$ is the 20% darker color. If you saturate the color by 10%, you get $74, 63.556, 327.784$, and if you desaturate by 10%, it is $85, 33.867, 326.694$.

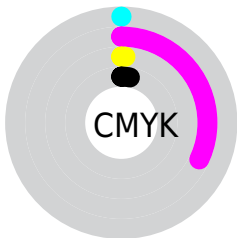
Distribution



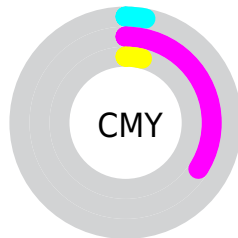
- Red (98%)
- Green (66%)
- Blue (96%)



- Red (98%)
- Yellow (66%)
- Blue (96%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 49.004, 327.251 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 79, 49.004, 327.251 by changing the saturation by 10% instead.


 79, 49.004,
327.251


 79, 49.004,
327.251


 100, 49.004,
327.251


 69, 49.004,
327.251


 99, 49.004,
327.251

 59, 49.004,
327.251

 49, 49.004,
327.251

 39, 49.004,
327.251

 29, 49.004,
327.251

 19, 49.004,
327.251

 9, 49.004, 327.251

0, 49.004, 327.251

79, 49.004,
327.251

79, 49.004,
327.251

74, 63.556,
327.784

85, 33.867,
326.694

69, 77.025,
328.278

90, 18.539,
326.123

65, 88.809,
328.721

96, 3.288, 325.482

62, 98.298,
329.100

99, 3.667, 147.639

99, 3.304, 152.635

60, 105.009,
329.409

99, 2.972, 158.796

59, 108.770,
329.652

99, 2.682, 166.387

■ 58, 110.024,
329.807

■ 99, 2.448, 175.607
■ 100, 2.290,
186.416

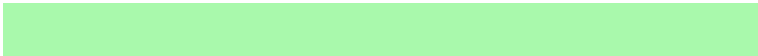
Harmonies

Complementary

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



79, 49.004, 327.251



91, 49.018, 143.114

Rectangle

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



79, 49.004, 327.251



79, 49.004, 17.251



79, 49.004, 147.251



79, 49.004, 197.251

Sweetspot

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



79, 49.001, 327.251



94, 15.534, 325.998



72, 43.619, 295.323



49, 10.606, 326.080



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 49.001, 327.251



77, 60.261, 327.621



78, 35.321, 348.679



49, 8.684, 325.967



44, 89.489, 329.780



11, 40.639, 329.578

Inverse Universe

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



79, 49.001, 327.251



77, 60.261, 327.621



92, 33.699, 162.369



49, 8.684, 325.967



44, 89.489, 329.780



11, 40.639, 329.578

Previews

White Background



This preview shows how the CIELCh color 79, 49.004, 327.251 looks on a white background.

Color Contrast Check

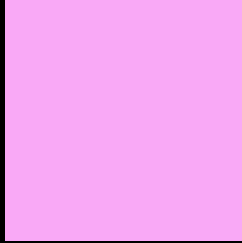
Large Text (above 18pt) WCAG AA × Fail

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 79, 49.004, 327.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

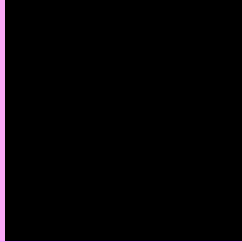
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 49.004, 327.251

Background



This preview shows how black text looks on a background with the CIELCh color 79, 49.004, 327.251.



This preview shows how white text looks on a background with the CIELCh color 79, 49.004, 327.251.

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
79, 24.971, 4.401

Trichromacy



Original Color
79, 49.004, 327.251



Protanomaly
79, 36.541, 303.031



Deuteranomaly
79, 33.817, 310.256

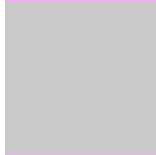


Tritanomaly
79, 31.845, 344.266

Monochromacy



Original Color
79, 49.004, 327.251



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 18.264, 326.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 49.004, 327.251 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, 169, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 169, 246)  
}
```

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, 169, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 169, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 49.004, 327.251 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, 169, 246) }
```

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

```
.border{ border-color:rgb(249, 169, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 169, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 169, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 169, 246); box-shadow:4px 4px 4px 4px rgb(249, 169, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 49.004, 327.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 169, 246) }
```

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

```
.background{ background-color: rgb(249,  
169, 246) }
```

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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