

Converting Colors

CIELCh(85, 62.393, 342.966)

Have a look what the booklet for
CIELCh(85, 62.393, 342.966)
contains.

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Color

CIELCh(79, 52.068, 328.654)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6F7
RGB	254, 166, 247
RGB Percent	100%, 65%, 97%
CMY	0.0050, 0.3497, 0.0323
CMYK	0.00, 0.35, 0.03, 0.00
HSL	305°, 97%, 82%
HSV	305°, 35%, 100%
XYZ	71.1304, 54.9284, 94.6554
YIQ	201.5460, 26.4470, 43.8470

Conversions

Conversions Part 2

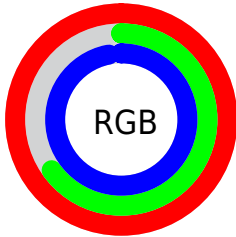
Format	Color
RYB	254, 166, 247
Decimal	16688887
CIELab	79.00, 44.47, -27.09
CIELCh	79, 52.068, 328.654
Yxy	54.9284, 0.3223, 0.2489
Android (android.graphics.Color)	4294878967 (0xFFFEA6F7)
YUV	201.5460, 22.4088, 46.0022
Hunter-Lab	74.1137, 41.6159, -23.8435

Details

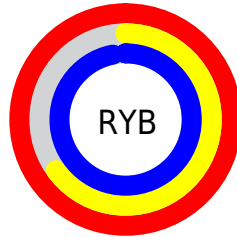
The CIELCh color **79, 52.068, 328.654** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 52.082, 144.036**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.651, 325.143**, and **59, 52.049, 328.833** is the 20% darker color. If you saturate the color by 10%, you get **74, 66.245, 329.218**, and if you desaturate by 10%, it is **85, 37.201, 328.073**.

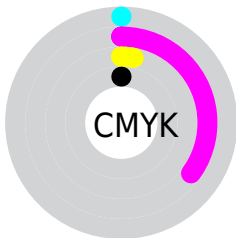
Distribution



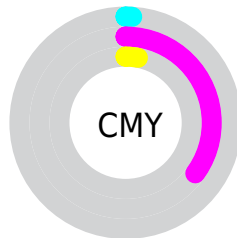
- Red (100%)
- Green (65%)
- Blue (97%)



- Red (100%)
- Yellow (65%)
- Blue (97%)



- Cyan (0%)
- Magenta (35%)
- Yellow (3%)
- Black (0%)





- Cyan (1%)
- Magenta (35%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 52.068, 328.654 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, 52.068, 328.654 by changing the saturation by 10% instead.


 79, 52.068,
328.654

 79, 52.068,
328.654


 100, 52.068,
328.654


 69, 52.068,
328.654

 99, 52.068,
328.654

 59, 52.068,
328.654

 49, 52.068,
328.654

 39, 52.068,
328.654

 29, 52.068,
328.654

 19, 52.068,
328.654

 9, 52.068, 328.654

■ 0, 52.068, 328.654

■ 79, 52.068,
328.654

■ 79, 52.068,
328.654

■ 74, 66.245,
329.218

■ 85, 37.201,
328.073

■ 69, 79.204,
329.756

■ 90, 22.068,
327.484

■ 65, 90.317,
330.257

■ 97, 6.961, 326.873

■ 62, 98.971,
330.717

■ 100, 0.449,
188.575

■ 60, 104.722,
331.138

■ 100, 0.440,
200.884

■ 59, 107.485,
331.531

■ 59,108.055,
331.737

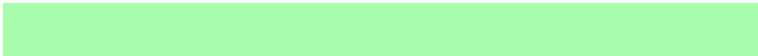
Harmonies

Complementary

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



79, 52.068, 328.654



92, 52.082, 144.036

Rectangle

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



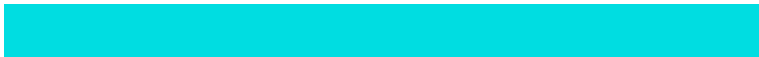
79, 52.068, 328.654



79, 52.068, 18.654



79, 52.068, 148.654



79, 52.068, 198.654

Sweetspot

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



79, 52.065, 328.654



94, 15.094, 327.207



72, 48.045, 296.754



49, 10.306, 327.292



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, 52.065, 328.654



76, 62.841, 329.072



78, 38.011, 351.045



50, 8.579, 327.177



45, 87.454, 331.673



12, 40.536, 331.227

Inverse Universe

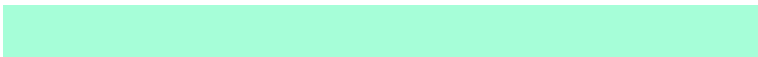
The Inverse Universe completely reimagines the original color for something new.



79, 52.065, 328.654



76, 62.841, 329.072



93, 35.824, 163.942



50, 8.579, 327.177



45, 87.454, 331.673



12, 40.536, 331.227

Previews

White Background



This preview shows how the CIELCh color 79, 52.068, 328.654 looks on a white background.

Color Contrast Check

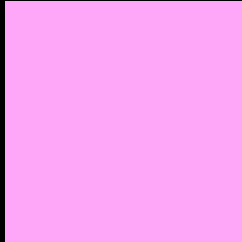
Large Text (above 18pt) WCAG AA × Fail

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, 52.068, 328.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

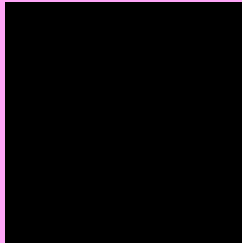
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 52.068, 328.654

Background



This preview shows how black text looks on a background with the CIELCh color 79, 52.068, 328.654.



This preview shows how white text looks on a background with the CIELCh color 79, 52.068, 328.654.

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

79, 52.102, 328.662

Protanopia

79, 32.759, 284.817

Deuteranopia

79, 26.735, 292.544



Tritanopia
79, 27.251, 6.130

Trichromacy



Original Color
79, 52.102, 328.662



Protanomaly
79, 37.266, 304.425



Deuteranomaly
79, 35.045, 310.833

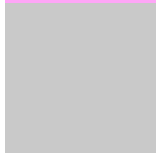


Tritanomaly
79, 34.196, 346.532

Monochromacy



Original Color
79, 52.102, 328.662



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 19.747, 326.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 52.068, 328.654 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(254, 166, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 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(254, 166, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 52.068, 328.654 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(254, 166, 247) }
```

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

```
.border{ border-color:rgb(254, 166, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 166, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 52.068, 328.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 247) }
```

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

```
.background{ background-color: rgb(254,  
166, 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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