

Converting Colors

CIELCh(78, 52.020, 330.492)

Have a look what the booklet for
CIELCh(78, 52.020, 330.492)
contains.

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Color

CIELCh(78, 51.975, 330.446)

Conversions

Conversions Part 1

Format	Color
Hex	FDA2F1
RGB	253, 162, 241
RGB Percent	99%, 64%, 95%
CMY	0.0069, 0.3638, 0.0540
CMYK	0.00, 0.36, 0.05, 0.01
HSL	308°, 96%, 81%
HSV	308°, 36%, 99%
XYZ	69.4673, 53.2120, 90.0119
YIQ	198.2150, 28.8770, 43.8610

Conversions

Conversions Part 2

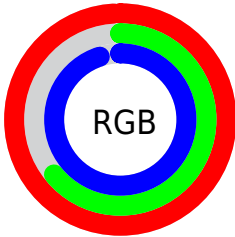
Format	Color
RYB	253, 162, 241
Decimal	16622321
CIELab	78.00, 45.21, -25.64
CIElCh	78, 51.975, 330.446
Yxy	53.2120, 0.3266, 0.2502
Android (android.graphics.Color)	4294812401 (0xFFFDA2F1)
YUV	198.2150, 21.0930, 48.0464
Hunter-Lab	72.9466, 42.3297, -22.0979

Details

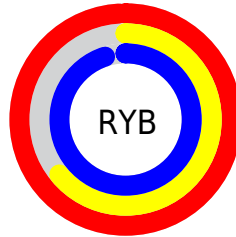
The CIELCh color **78, 51.975, 330.446** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 51.938, 145.454**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **58, 52.257, 330.357** is the 20% darker color. If you saturate the color by 10%, you get **73, 65.532, 331.067**, and if you desaturate by 10%, it is **84, 37.699, 329.823**.

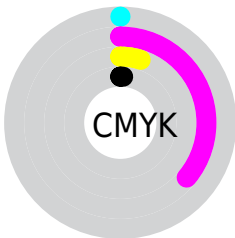
Distribution



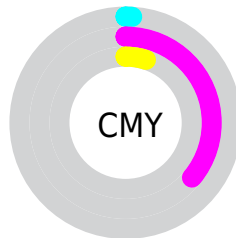
- Red (99%)
- Green (64%)
- Blue (95%)



- Red (99%)
- Yellow (64%)
- Blue (95%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (36%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 51.975, 330.446 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 78, 51.975, 330.446 by changing the saturation by 10% instead.


 78, 51.975,
330.446

 78, 51.975,
330.446


 100, 51.975,
330.446

 68, 51.975,
330.446


 98, 51.975,
330.446

 58, 51.975,
330.446

 48, 51.975,
330.446

 38, 51.975,
330.446

 28, 51.975,
330.446

 18, 51.975,
330.446

 8, 51.975, 330.446

■ 0, 51.975, 330.446

■ 78, 51.975,
330.446

■ 78, 51.975,
330.446

■ 73, 65.532,
331.067

■ 84, 37.699,
329.823

■ 68, 77.836,
331.682

■ 89, 23.133,
329.202

■ 64, 88.256,
332.289

■ 96, 8.571, 328.574

■ 62, 96.179,
332.893

■ 100, 0.644,
181.971

■ 60, 101.177,
333.507

■ 100, 0.611,
200.451

■ 58, 103.207,
334.154

■ 58,103.472,
334.426

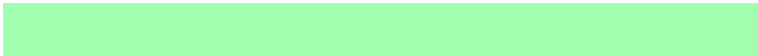
Harmonies

Complementary

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



78, 51.975, 330.446



92, 51.938, 145.454

Rectangle

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



78, 51.975, 330.446



78, 51.975, 20.446



78, 51.975, 150.446



78, 51.975, 200.446

Sweetspot

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



78, 51.972, 330.446



93, 16.016, 328.896



71, 49.957, 298.506



49, 10.769, 328.980



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 51.972, 330.446



75, 61.996, 330.886



77, 38.440, 354.458



50, 8.271, 328.802



44, 83.925, 334.307



12, 39.090, 333.481

Inverse Universe

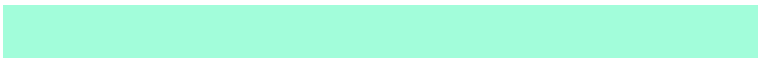
The Inverse Universe completely reimagines the original color for something new.



78, 51.972, 330.446



75, 61.996, 330.886



93, 35.587, 166.772



50, 8.271, 328.802



44, 83.925, 334.307



12, 39.090, 333.481

Previews

White Background



This preview shows how the CIELCh color 78, 51.975, 330.446 looks on a white background.

Color Contrast Check

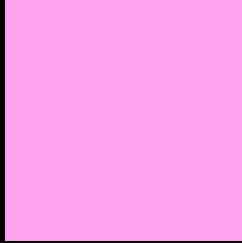
Large Text (above 18pt) WCAG AA × Fail

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 78, 51.975, 330.446 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 78, 51.975, 330.446

Background



This preview shows how black text looks on a background with the CIELCh color 78, 51.975, 330.446.



This preview shows how white text looks on a background with the CIELCh color 78, 51.975, 330.446.

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
78, 51.975, 330.446

Protanopia
78, 34.459, 284.951

Deuteranopia
78, 25.216, 293.192



Tritanopia
78, 28.794, 8.240

Trichromacy



Original Color
78, 51.975, 330.446



Protanomaly
78, 37.890, 304.311



Deuteranomaly
78, 33.850, 312.794

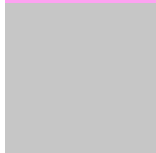


Tritanomaly
78, 35.240, 348.924

Monochromacy



Original Color
78, 51.975, 330.446



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.593, 328.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 51.975, 330.446 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(253, 162, 241)` looks like.

```
.text, #text, p{  
    color:rgb(253, 162, 241)  
}
```

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(253, 162, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 162, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 51.975, 330.446 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(253, 162, 241) }
```

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

```
.border{ border-color:rgb(253, 162, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 162, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 162, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 162, 241);  
box-shadow:4px 4px 4px 4px rgb(253, 162,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 51.975, 330.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 162, 241) }
```

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

```
.background{ background-color: rgb(253,  
162, 241) }
```

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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