

Converting Colors

CIELCh(84, 63.644, 344.721)

Have a look what the booklet for
CIELCh(84, 63.644, 344.721)
contains.

CIELCh(78, 53.116, 330.382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 53.116, 330.382)

Conversions

Conversions Part 1

Format	Color
Hex	FEA1F2
RGB	254, 161, 242
RGB Percent	100%, 63%, 95%
CMY	0.0025, 0.3670, 0.0494
CMYK	0.00, 0.37, 0.05, 0.00
HSL	308°, 99%, 82%
HSV	308°, 37%, 100%
XYZ	69.9139, 53.2120, 90.8986
YIQ	198.0410, 29.4270, 44.9070

Conversions

Conversions Part 2

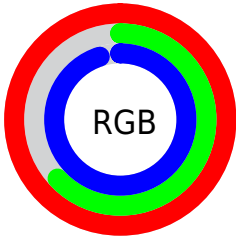
Format	Color
RYB	254, 161, 242
Decimal	16687602
CIELab	78.00, 46.18, -26.25
CIELCh	78, 53.116, 330.382
Yxy	53.2120, 0.3267, 0.2486
Android (android.graphics.Color)	4294877682 (0xFFFEA1F2)
YUV	198.0410, 21.6718, 49.0760
Hunter-Lab	72.9466, 43.4227, -22.8186

Details

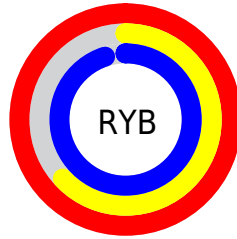
The CIELCh color $78, 53.116, 330.382$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $92, 53.091, 145.300$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $58, 53.427, 330.317$ is the 20% darker color. If you saturate the color by 10%, you get $73, 66.689, 331.000$, and if you desaturate by 10%, it is $84, 38.790, 329.762$.

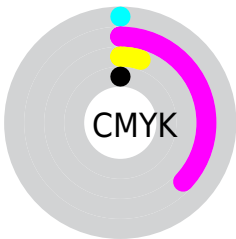
Distribution



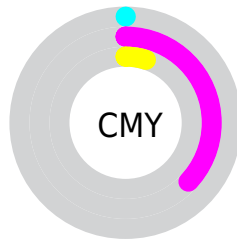
- Red (100%)
- Green (63%)
- Blue (95%)



- Red (100%)
- Yellow (63%)
- Blue (95%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 53.116, 330.382 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, 53.116, 330.382 by changing the saturation by 10% instead.


 78, 53.116,
330.382


 78, 53.116,
330.382


 100, 53.116,
330.382


 68, 53.116,
330.382


 98, 53.116,
330.382


 58, 53.116,
330.382

 48, 53.116,
330.382

 38, 53.116,
330.382

 28, 53.116,
330.382

 18, 53.116,
330.382

 8, 53.116, 330.382

■ 0, 53.116, 330.382

■ 78, 53.116,
330.382

■ 78, 53.116,
330.382

■ 73, 66.689,
331.000

■ 84, 38.790,
329.762

■ 68, 78.964,
331.609

■ 89, 24.150,
329.143

■ 65, 89.305,
332.209

■ 96, 9.498, 328.518

■ 62, 97.105,
332.803

■ 100, 0.217,
202.452

■ 60, 101.952,
333.407

■ 59, 103.837,
334.040

■ 58,104.067,
334.266

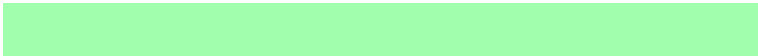
Harmonies

Complementary

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



78, 53.116, 330.382



92, 53.091, 145.300

Rectangle

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



78, 53.116, 330.382



78, 53.116, 20.382



78, 53.116, 150.382



78, 53.116, 200.382

Sweetspot

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



78, 53.113, 330.382



93, 16.050, 328.800



71, 51.041, 298.588



49, 10.792, 328.884



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, 53.113, 330.382



74, 63.464, 330.844



77, 39.235, 354.548



50, 8.288, 328.706



44, 84.121, 334.148



12, 39.171, 333.346

Inverse Universe

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



78, 53.113, 330.382



74, 63.464, 330.844



93, 36.276, 166.698



50, 8.288, 328.706



44, 84.121, 334.148



12, 39.171, 333.346

Previews

White Background



This preview shows how the CIELCh color 78, 53.116, 330.382 looks on a white background.

Color Contrast Check

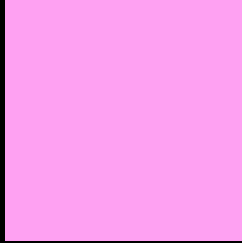
Large Text (above 18pt) WCAG AA × Fail

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, 53.116, 330.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

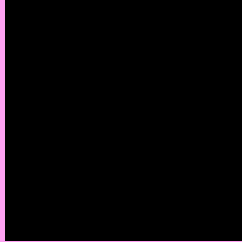
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 53.116, 330.382

Background



This preview shows how black text looks on a background with the CIELCh color 78, 53.116, 330.382.



This preview shows how white text looks on a background with the CIELCh color 78, 53.116, 330.382.

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, 53.148, 330.390

Protanopia

78, 34.459, 284.951

Deuteranopia

78, 25.751, 293.220



Tritanopia
78, 29.174, 8.466

Trichromacy



Original Color
78, 53.148, 330.390



Protanomaly
78, 38.566, 305.156



Deuteranomaly
78, 34.346, 312.493



Tritanomaly
78, 35.790, 348.560

Monochromacy



Original Color
78, 53.148, 330.390



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.813, 329.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 53.116, 330.382 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, 161, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 161, 242)  
}
```

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, 161, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 161, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 53.116, 330.382 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, 161, 242) }
```

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

```
.border{ border-color:rgb(254, 161, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 161, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 161, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 161, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 161,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 53.116, 330.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 161, 242) }
```

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

```
.background{ background-color: rgb(254,  
161, 242) }
```

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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