

Converting Colors

CIELCh(78, 41.087, 354.630)

Have a look what the booklet for
CIELCh(78, 41.087, 354.630)
contains.

CIELCh(77, 38.800, 352.896)	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(77, 38.800, 352.896)

Conversions

Conversions Part 1

Format	Color
Hex	FEA3C8
RGB	254, 163, 200
RGB Percent	100%, 64%, 78%
CMY	0.0035, 0.3600, 0.2150
CMYK	0.00, 0.36, 0.21, 0.00
HSL	336°, 98%, 82%
HSV	336°, 36%, 100%
XYZ	64.4915, 51.5317, 61.2989
YIQ	194.4270, 42.3590, 30.7990

Conversions

Conversions Part 2

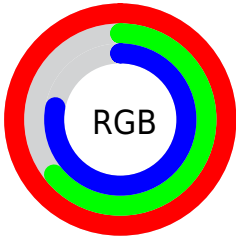
Format	Color
R_{YB}	254, 163, 200
Decimal	16688072
CIE Lab	77.00, 38.50, -4.80
CIE LCh	77, 38.800, 352.896
Yxy	51.5317, 0.3637, 0.2906
Android (android.graphics.Color)	4294878152 (0xFFFEA3C8)
YUV	194.4270, 2.7475, 52.2455
Hunter-Lab	71.7856, 34.7378, -0.3787

Details

The CIELCh color **77, 38.800, 352.896** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 36.205, 165.364**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 22.540, 325.209**, and **57, 38.736, 353.231** is the 20% darker color. If you saturate the color by 10%, you get **71, 49.575, 354.437**, and if you desaturate by 10%, it is **83, 27.771, 351.597**.

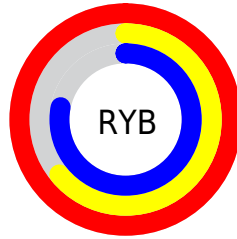
Distribution



Red (100%)

Green (64%)

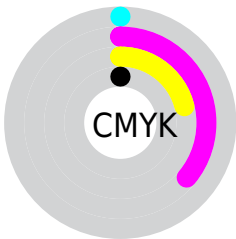
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

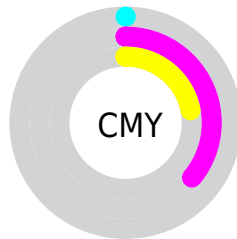


Cyan (0%)

Magenta (36%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 38.800, 352.896 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 77, 38.800, 352.896 by changing the saturation by 10% instead.


 77, 38.800,
352.896

 77, 38.800,
352.896


 100, 38.800,
352.896


 67, 38.800,
352.896


 97, 38.800,
352.896

 57, 38.800,
352.896

 47, 38.800,
352.896

 37, 38.800,
352.896

 27, 38.800,
352.896

 17, 38.800,
352.896

 7, 38.800, 352.896

0, 38.800, 352.896

77, 38.800,
352.896

77, 38.800,
352.896

71, 49.575,
354.437

83, 27.771,
351.597

66, 59.676,
356.304

89, 16.796,
350.467

62, 68.564,
358.624

96, 6.060, 349.432

58, 75.694, 1.560

100, 0.307,
201.545

56, 80.709, 5.298

54, 83.696, 9.975

54, 84.662, 12.144

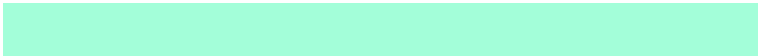
Harmonies

Complementary

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



77, 38.800, 352.896



93, 36.205, 165.364

Rectangle

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



77, 38.800, 352.896



77, 38.800, 42.896



77, 38.800, 172.896



77, 38.800, 222.896

Sweetspot

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



77, 38.797, 352.898



93, 11.660, 349.970



75, 52.093, 313.558



49, 7.850, 350.109



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 38.797, 352.898



73, 46.757, 353.982



78, 33.945, 28.967



50, 6.013, 349.817



41, 68.248, 11.152



10, 31.315, 4.216

Inverse Universe

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



77, 38.797, 352.898



73, 46.757, 353.982



92, 26.088, 206.537



50, 6.013, 349.817



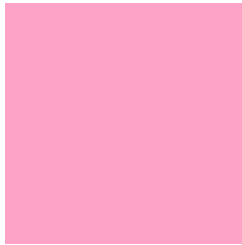
41, 68.248, 11.152



10, 31.315, 4.216

Previews

White Background



This preview shows how the CIELCh color 77, 38.800, 352.896 looks on a white background.

Color Contrast Check

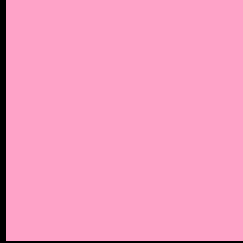
Large Text (above 18pt) WCAG AA × Fail

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 77, 38.800, 352.896 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 77, 38.800, 352.896

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.800, 352.896.



This preview shows how white text looks on a background with the CIELCh color 77, 38.800, 352.896.

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
77, 38.831, 352.915

Protanopia
77, 14.521, 287.407

Deuteranopia
77, 9.786, 343.183



Tritanopia
77, 33.553, 11.680

Trichromacy



Original Color
77, 38.831, 352.915

Protanomaly
77, 19.684, 326.115

Deuteranomaly
77, 20.455, 347.956

Tritanomaly
77, 34.899, 4.227

Monochromacy



Original Color
77, 38.831, 352.915

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 14.388, 349.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.800, 352.896 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, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 200)  
}
```

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, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.800, 352.896 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, 163, 200) }
```

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

```
.border{ border-color:rgb(254, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 163, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 163, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 163,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.800, 352.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 200) }
```

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

```
.background{ background-color: rgb(254,  
163, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor