

Converting Colors

CIELCh(77, 35.951, 5.282)

Have a look what the booklet for
CIELCh(77, 35.951, 5.282) contains.

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Color

CIELCh(77, 35.947, 5.800)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5B9
RGB	255, 165, 185
RGB Percent	100%, 65%, 73%
CMY	0.0010, 0.3538, 0.2754
CMYK	0.00, 0.35, 0.27, 0.00
HSL	347°, 99%, 82%
HSV	347°, 35%, 100%
XYZ	63.2928, 51.5317, 52.3815
YIQ	194.1900, 47.2200, 25.3000

Conversions

Conversions Part 2

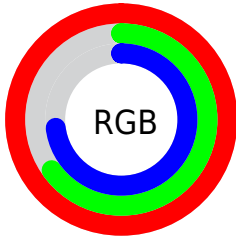
Format	Color
R _Y B	255, 165, 185
Decimal	16754105
CIE Lab	77.00, 35.76, 3.63
CIE LCh	77, 35.947, 5.800
Yxy	51.5317, 0.3785, 0.3082
Android (android.graphics.Color)	4294944185 (0xFFFFA5B9)
YUV	194.1900, -4.5307, 53.3304
Hunter-Lab	71.7856, 31.7572, 6.9864

Details

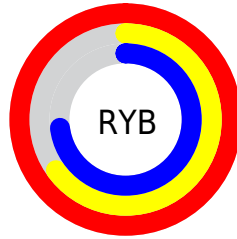
The CIELCh color **77, 35.947, 5.800** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.233, 178.113**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.959, 340.206**, and **57, 35.685, 5.829** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.717, 7.631**, and if you desaturate by 10%, it is **83, 25.283, 4.312**.

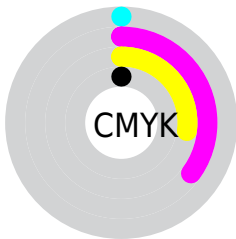
Distribution



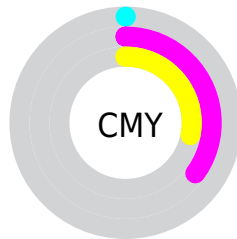
- Red (100%)
- Green (65%)
- Blue (73%)



- Red (100%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (35%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 35.947, 5.800 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, 35.947, 5.800 by changing the saturation by 10% instead.

 77, 35.947, 5.800  77, 35.947, 5.800

 100, 35.947, 5.800  67, 35.947, 5.800

 97, 35.947, 5.800  57, 35.947, 5.800

 47, 35.947, 5.800

 37, 35.947, 5.800

 27, 35.947, 5.800

 17, 35.947, 5.800

 7, 35.947, 5.800

 0, 35.947, 5.800

 77, 35.947, 5.800  77, 35.947, 5.800

71, 46.717, 7.631

83, 25.283, 4.312

66, 57.270, 9.918

90, 14.950, 3.065

61, 67.176, 12.816

96, 5.063, 1.946

58, 76.006, 16.489

100, 0.087,
207.001

55, 83.502, 21.043

54, 89.738, 26.382

53, 92.448, 28.933

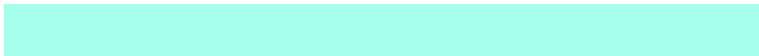
Harmonies

Complementary

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



77, 35.947, 5.800



94, 31.233, 178.113

Rectangle

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



77, 35.947, 5.800



77, 35.947, 55.800



77, 35.947, 185.800



77, 35.947, 235.800

Sweetspot

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



77, 35.944, 5.803



93, 10.630, 2.579



77, 53.247, 319.350



48, 7.167, 2.730



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, 35.944, 5.803



73, 43.182, 6.981



82, 29.795, 46.021



50, 5.474, 2.415



40, 73.876, 27.884



10, 31.855, 17.573

Inverse Universe

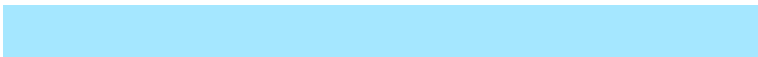
The Inverse Universe completely reimagines the original color for something new.



77, 35.944, 5.803



73, 43.182, 6.981



88, 23.559, 230.642



50, 5.474, 2.415



40, 73.876, 27.884



10, 31.855, 17.573

Previews

White Background



This preview shows how the CIELCh color 77, 35.947, 5.800 looks on a white background.

Color Contrast Check

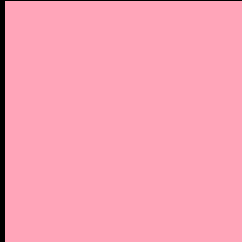
Large Text (above 18pt) WCAG AA × Fail

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, 35.947, 5.800 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, 35.947, 5.800

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.947, 5.800.



This preview shows how white text looks on a background with the CIELCh color 77, 35.947, 5.800.

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, 35.947, 5.800

Protanopia
77, 5.436, 298.336

Deuteranopia
77, 10.845, 28.683



Tritanopia
77, 34.754, 12.196

Trichromacy



Original Color
77, 35.947, 5.800



Protanomaly
77, 14.753, 350.152



Deuteranomaly
77, 19.806, 13.414



Tritanomaly
77, 34.807, 10.461

Monochromacy



Original Color
77, 35.947, 5.800



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 13.134, 1.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.947, 5.800 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(255, 165, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 185)  
}
```

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(255, 165, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.947, 5.800 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(255, 165, 185) }
```

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

```
.border{ border-color:rgb(255, 165, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.947, 5.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 185) }
```

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

```
.background{ background-color: rgb(255,  
165, 185) }
```

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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