

Converting Colors

CIELCh(79, 41.250, 33.164)

Have a look what the booklet for
CIELCh(79, 41.250, 33.164) contains.

CIELCh(78, 35.754, 34.097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 35.754, 34.097)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB9D
RGB	255, 171, 157
RGB Percent	100%, 67%, 62%
CMY	0.0000, 0.3282, 0.3833
CMYK	0.00, 0.33, 0.38, 0.00
HSL	9°, 100%, 81%
HSV	9°, 38%, 100%
XYZ	62.4938, 53.2120, 38.9914
YIQ	194.5200, 54.5580, 13.4540

Conversions

Conversions Part 2

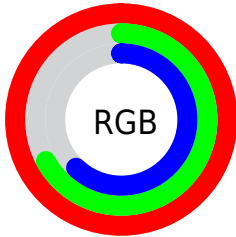
Format	Color
R _Y B	255, 173, 157
Decimal	16755613
CIE Lab	78.00, 29.61, 20.04
CIE LCh	78, 35.754, 34.097
Yxy	53.2120, 0.4040, 0.3440
Android (android.graphics.Color)	4294945693 (0xFFFFAB9D)
YUV	194.5200, -18.4974, 53.0410
Hunter-Lab	72.9466, 25.2656, 19.3709

Details

The CIELCh color **78, 35.754, 34.097** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 26.418, 214.024**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 13.029, 56.156**, and **58, 35.247, 33.937** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.162, 35.066**, and if you desaturate by 10%, it is **83, 24.931, 33.707**.

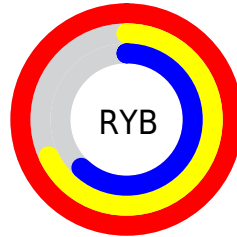
Distribution



Red (100%)

Green (67%)

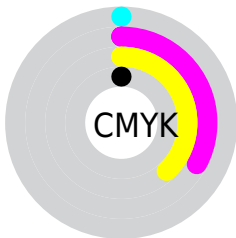
Blue (62%)



Red (100%)

Yellow (68%)

Blue (62%)

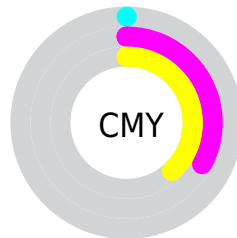


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 35.754, 34.097 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, 35.754, 34.097 by changing the saturation by 10% instead.

 78, 35.754, 34.097

 78, 35.754, 34.097

 100, 35.754,
34.097

 68, 35.754, 34.097

 98, 35.754, 34.097

 58, 35.754, 34.097

 48, 35.754, 34.097

 38, 35.754, 34.097

 28, 35.754, 34.097

 18, 35.754, 34.097

 8, 35.754, 34.097

 0, 35.754, 34.097

 78, 35.754, 34.097

 78, 35.754, 34.097

73, 46.162, 35.066

83, 24.931, 33.707

68, 57.806, 36.182

89, 15.462, 33.354

63, 69.879, 37.623

95, 6.737, 33.120

60, 81.912, 39.300

100, 0.012,
296.813

57, 92.875, 40.853

55, 100.796,
41.534

55, 101.888,
41.657

Harmonies

Complementary

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



78, 35.754, 34.097



90, 26.418, 214.024

Rectangle

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



78, 35.754, 34.097



78, 35.754, 84.097



78, 35.754, 214.097



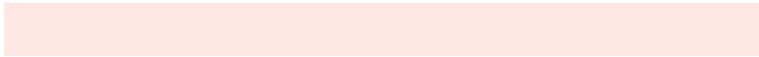
78, 35.754, 264.097

Sweetspot

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



78, 35.171, 34.258



93, 8.997, 33.179



77, 55.554, 330.644



49, 6.079, 33.209



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, 35.171, 34.258



74, 43.538, 34.852



89, 35.288, 83.258



50, 4.621, 33.147



41, 81.687, 41.968



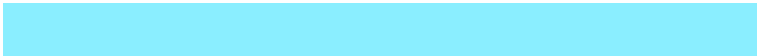
11, 30.802, 34.226

Inverse Universe

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



90, 26.418, 214.024



89, 30.523, 214.512



78, 34.420, 274.918



52, 4.344, 213.271



62, 35.151, 223.368



20, 16.271, 219.688

Previews

White Background



This preview shows how the CIELCh color 78, 35.754, 34.097 looks on a white background.

Color Contrast Check

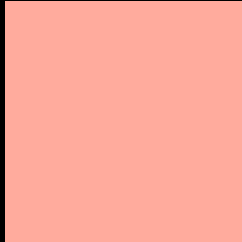
Large Text (above 18pt) WCAG AA × Fail

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, 35.754, 34.097 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, 35.754, 34.097

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.754, 34.097.

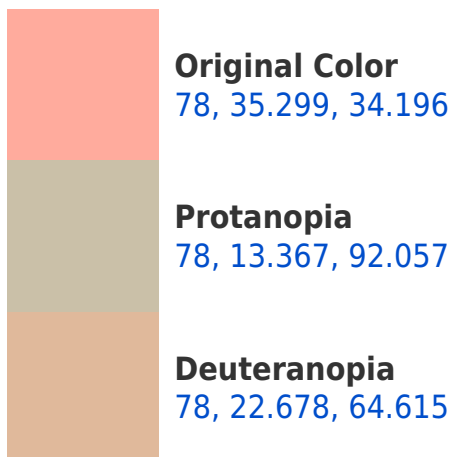


This preview shows how white text looks on a background with the CIELCh color 78, 35.754, 34.097.

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





Tritanopia
78, 33.870, 11.808

Trichromacy



Original Color
78, 35.299, 34.196



Protanomaly
77, 18.310, 55.713



Deuteranomaly
78, 26.040, 50.011



Tritanomaly
78, 33.642, 20.611

Monochromacy



Original Color
78, 35.299, 34.196



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 12.223, 32.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.754, 34.097 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, 171, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 157)  
}
```

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, 171, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.754, 34.097 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, 171, 157) }
```

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

```
.border{ border-color:rgb(255, 171, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 171, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 171, 157); box-shadow:4px 4px 4px 4px rgb(255, 171, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.754, 34.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 157) }
```

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

```
.background{ background-color: rgb(255,  
171, 157) }
```

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