

Converting Colors

CIELCh(79, 34.885, 37.586)

Have a look what the booklet for
CIELCh(79, 34.885, 37.586) contains.

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Color

CIELCh(79, 34.114, 37.078)

Conversions

Conversions Part 1

Format	Color
Hex	FFB09F
RGB	255, 176, 159
RGB Percent	100%, 69%, 62%
CMY	0.0000, 0.3104, 0.3771
CMYK	0.00, 0.31, 0.38, 0.00
HSL	11°, 100%, 81%
HSV	11°, 38%, 100%
XYZ	63.3252, 54.9284, 39.9883
YIQ	197.6830, 52.5410, 11.4610

Conversions

Conversions Part 2

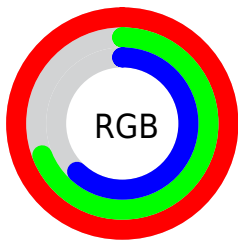
Format	Color
R _Y B	255, 180, 159
Decimal	16756895
CIE Lab	79.00, 27.22, 20.57
CIE LCh	79, 34.114, 37.078
Yxy	54.9284, 0.4002, 0.3471
Android (android.graphics.Color)	4294946975 (0xFFFFB09F)
YUV	197.6830, -19.0707, 50.2670
Hunter-Lab	74.1137, 22.8173, 19.8894

Details

The CIELCh color **79, 34.114, 37.078** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 25.558, 218.413**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 12.615, 66.689**, and **59, 33.462, 36.981** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.467, 37.779**, and if you desaturate by 10%, it is **84, 23.766, 36.901**.

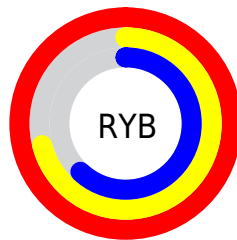
Distribution



Red (100%)

Green (69%)

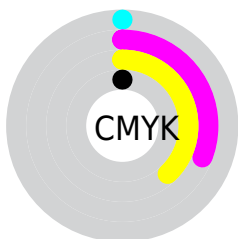
Blue (62%)



Red (100%)

Yellow (71%)

Blue (62%)

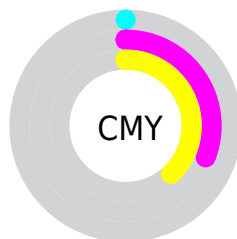


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.114, 37.078 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 79, 34.114, 37.078 by changing the saturation by 10% instead.

79, 34.114, 37.078

79, 34.114, 37.078

100, 34.114,
37.078

69, 34.114, 37.078

99, 34.114, 37.078

59, 34.114, 37.078

49, 34.114, 37.078

39, 34.114, 37.078

29, 34.114, 37.078

19, 34.114, 37.078

9, 34.114, 37.078

0, 34.114, 37.078

79, 34.114, 37.078

79, 34.114, 37.078

74, 44.467, 37.779

84, 23.766, 36.901

69, 55.889, 38.590

90, 14.560, 36.742

65, 67.811, 39.671

96, 6.080, 36.676

61, 79.803, 40.937

100, 0.012,
296.813

58, 90.901, 42.067

56, 99.198, 42.355

55, 100.760,
42.414

Harmonies

Complementary

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



79, 34.114, 37.078



90, 25.558, 218.413

Rectangle

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



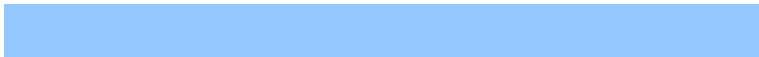
79, 34.114, 37.078



79, 34.114, 87.078



79, 34.114, 217.078



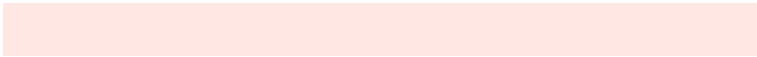
79, 34.114, 267.078

Sweetspot

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



79, 33.736, 37.230



94, 8.791, 36.698



77, 53.469, 331.779



49, 5.940, 36.705



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 33.736, 37.230



75, 41.483, 37.606



90, 35.586, 86.161



50, 4.515, 36.689



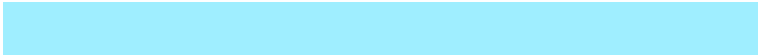
42, 80.730, 42.784



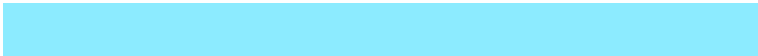
11, 30.317, 35.908

Inverse Universe

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



90, 25.558, 218.413



88, 29.460, 219.062



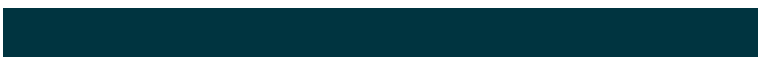
77, 35.330, 277.431



52, 4.249, 217.113



60, 35.116, 230.644



19, 16.138, 225.992

Previews

White Background



This preview shows how the CIELCh color 79, 34.114, 37.078 looks on a white background.

Color Contrast Check

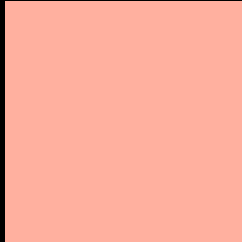
Large Text (above 18pt) WCAG AA × Fail

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 79, 34.114, 37.078 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 79, 34.114, 37.078

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.114, 37.078.



This preview shows how white text looks on a background with the CIELCh color 79, 34.114, 37.078.

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

79, 33.667, 37.229

Protanopia

79, 14.973, 92.198

Deuteranopia

79, 23.293, 64.776



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 33.667, 37.229

Protanomaly
79, 18.967, 60.075

Deuteranomaly
79, 26.181, 52.304

Tritanomaly
79, 31.879, 20.305

Monochromacy



Original Color
79, 33.667, 37.229

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.563, 36.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.114, 37.078 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, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 159)  
}
```

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, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.114, 37.078 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, 176, 159) }
```

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

```
.border{ border-color:rgb(255, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 159); box-shadow:4px 4px 4px 4px rgb(255, 176, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.114, 37.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 159) }
```

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

```
.background{ background-color: rgb(255,  
176, 159) }
```

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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