

Converting Colors

CIELCh(84, 51.118, 30.553)

Have a look what the booklet for
CIELCh(84, 51.118, 30.553) contains.

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Color

CIELCh(79, 33.118, 32.949)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A4
RGB	255, 176, 164
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3114, 0.3586
CMYK	0.00, 0.31, 0.36, 0.00
HSL	8°, 100%, 82%
HSV	8°, 36%, 100%
XYZ	63.5754, 54.9284, 42.1666
YIQ	198.2530, 50.9360, 13.0160

Conversions

Conversions Part 2

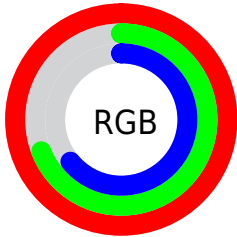
Format	Color
R _Y B	255, 178, 164
Decimal	16756900
CIE Lab	79.00, 27.79, 18.01
CIE LCh	79, 33.118, 32.949
Yxy	54.9284, 0.3957, 0.3419
Android (android.graphics.Color)	4294946980 (0xFFFFB0A4)
YUV	198.2530, -16.8867, 49.7671
Hunter-Lab	74.1137, 23.4200, 18.1469

Details

The CIELCh color **79, 33.118, 32.949** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 25.207, 212.347**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 10.809, 57.826**, and **59, 32.562, 33.470** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.754, 33.846**, and if you desaturate by 10%, it is **85, 22.726, 32.452**.

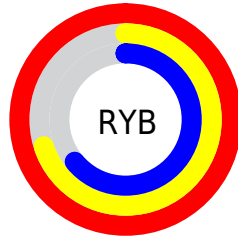
Distribution



Red (100%)

Green (69%)

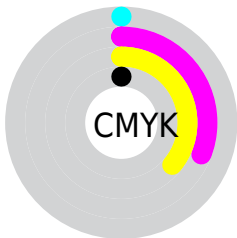
Blue (64%)



Red (100%)

Yellow (70%)

Blue (64%)

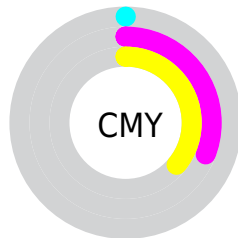


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.118, 32.949 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, 33.118, 32.949 by changing the saturation by 10% instead.

 79, 33.118, 32.949

 79, 33.118, 32.949

 100, 33.118,
32.949

 69, 33.118, 32.949

 99, 33.118, 32.949

 59, 33.118, 32.949

 49, 33.118, 32.949

 39, 33.118, 32.949

 29, 33.118, 32.949

 19, 33.118, 32.949

 9, 33.118, 32.949

 0, 33.118, 32.949

 79, 33.118, 32.949

 79, 33.118, 32.949

74, 43.754, 33.846

85, 22.726, 32.452

69, 55.321, 34.982

90, 13.360, 32.073

64, 67.365, 36.466

96, 4.732, 31.780

60, 79.489, 38.248

100, 0.012,
296.813

57, 90.843, 40.054

55, 99.592, 41.145

54, 102.252,
41.422

Harmonies

Complementary

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



79, 33.118, 32.949



91, 25.207, 212.347

Rectangle

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



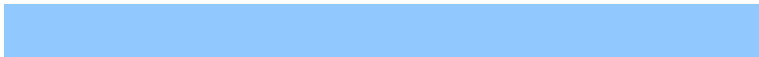
79, 33.118, 32.949



79, 33.118, 82.949



79, 33.118, 212.949



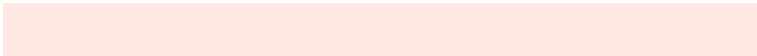
79, 33.118, 262.949

Sweetspot

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



79, 32.861, 33.021



93, 9.080, 31.934



79, 52.694, 329.929



49, 6.136, 31.972



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, 32.861, 33.021



75, 40.567, 33.581



89, 32.522, 82.140



50, 4.664, 31.894



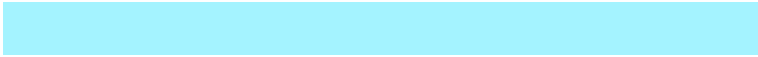
41, 82.000, 41.711



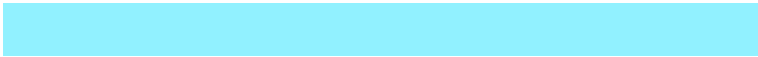
11, 30.986, 33.624

Inverse Universe

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



91, 25.207, 212.347



90, 29.219, 212.687



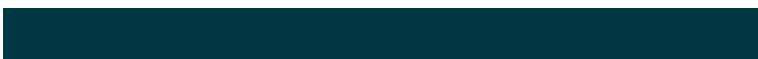
79, 31.489, 272.956



52, 4.384, 211.911



63, 35.290, 220.757



21, 16.363, 217.440

Previews

White Background



This preview shows how the CIELCh color 79, 33.118, 32.949 looks on a white background.

Color Contrast Check

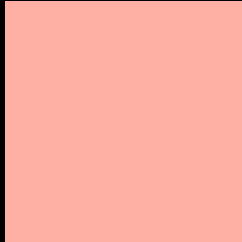
Large Text (above 18pt) WCAG AA × Fail

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, 33.118, 32.949 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, 33.118, 32.949

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.118, 32.949.



This preview shows how white text looks on a background with the CIELCh color 79, 33.118, 32.949.

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, 32.671, 33.048

Protanopia

79, 12.310, 90.806

Deuteranopia

79, 21.412, 61.964



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 32.671, 33.048

Protanomaly
79, 16.884, 54.580

Deuteranomaly
79, 24.670, 47.530

Tritanomaly
79, 31.782, 18.423

Monochromacy



Original Color
79, 32.671, 33.048

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.404, 33.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.118, 32.949 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.118, 32.949 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, 164) }
```

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

```
.border{ border-color:rgb(255, 176, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 164); box-shadow:4px 4px 4px 4px rgb(255, 176, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.118, 32.949 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
176, 164) }
```

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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