

# Converting Colors

CIELCh(79, 32.671, 33.048)

Have a look what the booklet for  
CIELCh(79, 32.671, 33.048) contains.

<b>CIELCh(79, 32.671, 33.048)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	20
<b><i>Color Blindness Simulation</i></b> .....	23
<b><i>CSS Examples</i></b> .....	26

# Color

**CIELCh(79, 32.671, 33.048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB0A4
RGB	255, 176, 164
RGB Percent	100%, 69%, 64%
CMY	0.0004, 0.3102, 0.3572
CMYK	0.00, 0.31, 0.36, 0.00
HSL	8°, 100%, 82%
HSV	8°, 36%, 100%
XYZ	63.3985, 54.9284, 42.3367
YIQ	198.2530, 50.9360, 13.0160

# Conversions

## Conversions Part 2

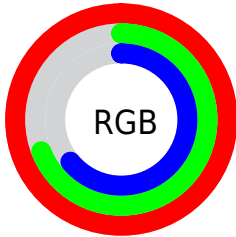
Format	Color
R <sub>Y</sub> B	255, 178, 164
Decimal	16756900
CIE Lab	79.00, 27.39, 17.82
CIE LCh	79, 32.671, 33.048
Yxy	54.9284, 0.3946, 0.3419
Android (android.graphics.Color)	4294946980 (0xFFFFB0A4)
YUV	198.2530, -16.8867, 49.7671
Hunter-Lab	74.1137, 22.9940, 18.0108

# Details

The CIELCh color **79, 32.671, 33.048** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 25.094, 212.402**, 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, 43.543, 33.869**, and if you desaturate by 10%, it is **85, 22.553, 32.490**.

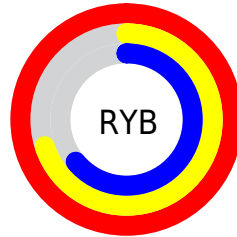
# Distribution



Red (100%)

Green (69%)

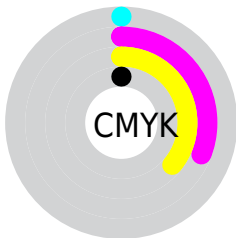
Blue (64%)



Red (100%)

Yellow (70%)

Blue (64%)

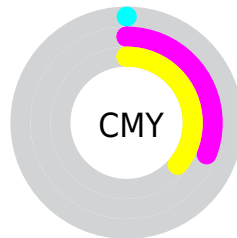


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.671, 33.048 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, 32.671, 33.048 by changing the saturation by 10% instead.



 79, 32.671, 33.048

 79, 32.671, 33.048

 100, 32.671,  
33.048

 69, 32.671, 33.048

 99, 32.671, 33.048

 59, 32.671, 33.048

 49, 32.671, 33.048

 39, 32.671, 33.048

 29, 32.671, 33.048

 19, 32.671, 33.048

 9, 32.671, 33.048

 0, 32.671, 33.048

 79, 32.671, 33.048

 79, 32.671, 33.048

74, 43.543, 33.869

85, 22.553, 32.490

69, 55.094, 34.997

91, 13.206, 32.117

64, 67.127, 36.470

97, 4.596, 31.824

60, 79.249, 38.243

100, 0.038,  
217.252

57, 90.624, 40.046

55, 99.437, 41.151

54, 102.204,  
41.431

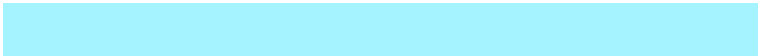
# Harmonies

# Complementary

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



79, 32.671, 33.048



91, 25.094, 212.402

# Rectangle

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



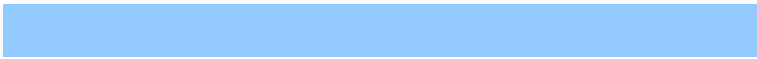
79, 32.671, 33.048



79, 32.671, 83.048



79, 32.671, 213.048



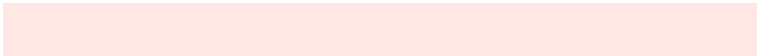
79, 32.671, 263.048

# Sweetspot

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



79, 32.669, 33.053



93, 9.077, 31.984



79, 52.448, 329.920



49, 6.134, 32.021



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, 32.669, 33.053



75, 40.553, 33.621



89, 32.358, 82.162



50, 4.662, 31.943



41, 81.988, 41.721



11, 30.979, 33.648



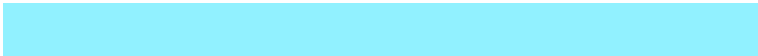


# Inverse Universe

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



91, 25.094, 212.402



90, 29.209, 212.751



80, 31.335, 272.920



52, 4.382, 211.965



63, 35.284, 220.861

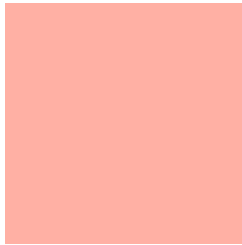


21, 16.359, 217.529



# Previews

## White Background



This preview shows how the CIELCh color 79, 32.671, 33.048 looks on a white background.

## Color Contrast Check

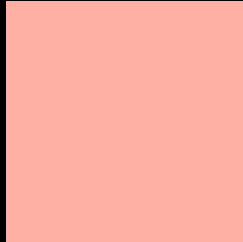
Large Text (above 18pt) WCAG AA × Fail

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, 32.671, 33.048 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, 32.671, 33.048

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.671, 33.048.



This preview shows how white text looks on a background with the CIELCh color 79, 32.671, 33.048.

# 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, 11.804, 90.076

### Deuteranopia

79, 21.029, 60.996



**Tritanopia**  
79, 31.770, 10.844



# Trichromacy



**Original Color**  
79, 32.671, 33.048

**Protanomaly**  
79, 16.884, 54.580

**Deuteranomaly**  
79, 24.269, 47.951

**Tritanomaly**  
79, 31.390, 19.276

# Monochromacy



**Original Color**  
79, 32.671, 33.048

**Achromatopsia**  
80, 0.010, 296.813

**Achromatomaly**  
79, 11.268, 31.041

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 32.671, 33.048 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, 32.671, 33.048 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, 32.671, 33.048 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](#).

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