

Converting Colors

CIELCh(87, 59.284, 27.389)

Have a look what the booklet for
CIELCh(87, 59.284, 27.389) contains.

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Color

CIELCh(79, 32.188, 27.674)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA9
RGB	255, 175, 169
RGB Percent	100%, 69%, 66%
CMY	0.0000, 0.3128, 0.3364
CMYK	0.00, 0.31, 0.34, 0.00
HSL	4°, 100%, 83%
HSV	4°, 34%, 100%
XYZ	63.8876, 54.9284, 44.8809
YIQ	198.2360, 49.6060, 15.0940

Conversions

Conversions Part 2

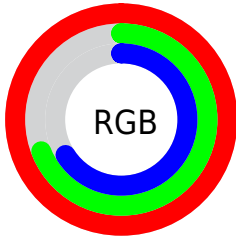
Format	Color
R _Y B	255, 175, 169
Decimal	16756649
CIE Lab	79.00, 28.51, 14.95
CIE LCh	79, 32.188, 27.674
Yxy	54.9284, 0.3903, 0.3355
Android (android.graphics.Color)	4294946729 (0xFFFFAFA9)
YUV	198.2360, -14.4133, 49.7820
Hunter-Lab	74.1137, 24.1720, 15.9754

Details

The CIELCh color **79, 32.188, 27.674** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.130, 205.028**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.498, 42.076**, and **59, 31.968, 27.834** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.251, 28.848**, and if you desaturate by 10%, it is **85, 21.652, 26.828**.

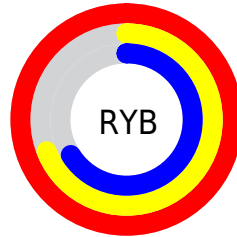
Distribution



Red (100%)

Green (69%)

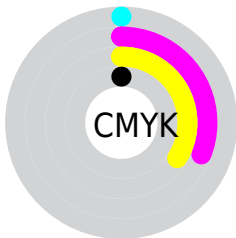
Blue (66%)



Red (100%)

Yellow (69%)

Blue (66%)

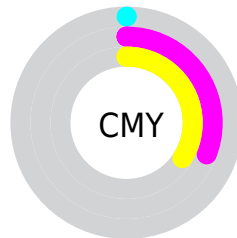


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.188, 27.674 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, 32.188, 27.674 by changing the saturation by 10% instead.

79, 32.188, 27.674

79, 32.188, 27.674

100, 32.188,
27.674

69, 32.188, 27.674

99, 32.188, 27.674

59, 32.188, 27.674

49, 32.188, 27.674

39, 32.188, 27.674

29, 32.188, 27.674

19, 32.188, 27.674

9, 32.188, 27.674

0, 32.188, 27.674

79, 32.188, 27.674

79, 32.188, 27.674

73, 43.251, 28.848

85, 21.652, 26.828

68, 55.033, 30.388

91, 11.986, 26.186

63, 67.201, 32.379

98, 3.068, 25.582

59, 79.362, 34.817

100, 0.012,
296.813

56, 90.785, 37.483

54, 99.877, 39.664

54, 103.660,
40.543

Harmonies

Complementary

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



79, 32.188, 27.674



93, 25.130, 205.028

Rectangle

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



79, 32.188, 27.674



79, 32.188, 77.674



79, 32.188, 207.674



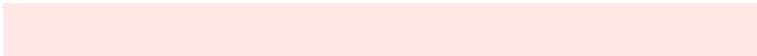
79, 32.188, 257.674

Sweetspot

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



79, 32.085, 27.688



94, 8.658, 25.986



80, 51.231, 328.207



49, 5.941, 26.062



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, 32.085, 27.688



75, 39.110, 28.386



89, 29.399, 77.829



50, 4.912, 25.959



40, 83.252, 40.724



10, 32.004, 30.603

Inverse Universe

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



93, 25.130, 205.028



92, 29.023, 205.027



82, 27.783, 267.894



52, 4.617, 205.473



66, 36.927, 208.393



22, 17.142, 206.821

Previews

White Background



This preview shows how the CIELCh color 79, 32.188, 27.674 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, 32.188, 27.674 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, 32.188, 27.674

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.188, 27.674.

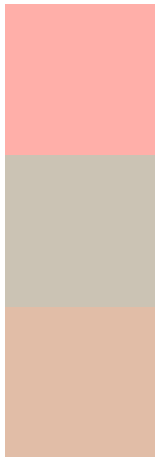


This preview shows how white text looks on a background with the CIELCh color 79, 32.188, 27.674.

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, 32.188, 27.674

Protanopia

79, 8.527, 88.506

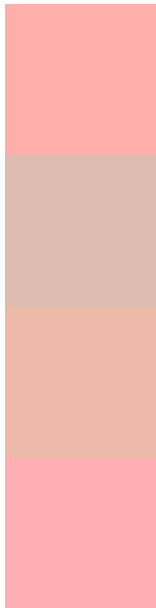
Deuteranopia

79, 18.578, 58.936



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 32.188, 27.674

Protanomaly
79, 14.753, 45.800

Deuteranomaly
79, 22.540, 42.844

Tritanomaly
79, 31.722, 16.530

Monochromacy



Original Color
79, 32.188, 27.674

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.069, 25.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.188, 27.674 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, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 169)  
}
```

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, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.188, 27.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

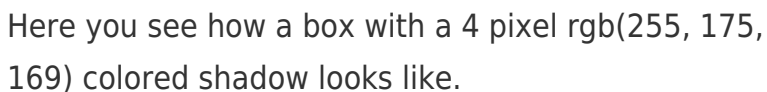
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 169) }
```

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

```
.border{ border-color:rgb(255, 175, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 169); box-shadow:4px 4px 4px 4px rgb(255, 175, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.188, 27.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 169) }
```

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

```
.background{ background-color: rgb(255,  
175, 169) }
```

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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