

Converting Colors

CIELCh(79, 32.378, 32.428)

Have a look what the booklet for
CIELCh(79, 32.378, 32.428) contains.

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Color

CIELCh(79, 32.495, 32.180)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A5
RGB	255, 176, 165
RGB Percent	100%, 69%, 65%
CMY	0.0007, 0.3104, 0.3535
CMYK	0.00, 0.31, 0.35, 0.00
HSL	7°, 100%, 82%
HSV	7°, 35%, 100%
XYZ	63.4498, 54.9284, 42.7825
YIQ	198.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

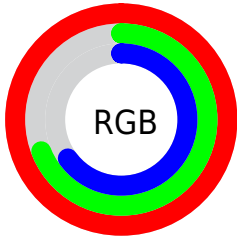
Format	Color
R _Y B	255, 178, 165
Decimal	16756901
CIE Lab	79.00, 27.50, 17.31
CIE LCh	79, 32.495, 32.180
Yxy	54.9284, 0.3937, 0.3408
Android (android.graphics.Color)	4294946981 (0xFFFFB0A5)
YUV	198.3670, -16.4499, 49.6671
Hunter-Lab	74.1137, 23.1176, 17.6541

Details

The CIELCh color **79, 32.495, 32.180** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 25.039, 211.185**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 10.486, 55.693**, and **59, 32.358, 32.560** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.402, 33.056**, and if you desaturate by 10%, it is **85, 22.339, 31.574**.

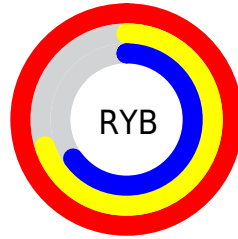
Distribution



Red (100%)

Green (69%)

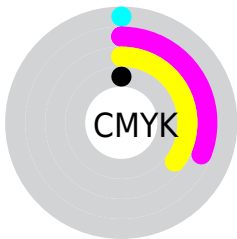
Blue (65%)



Red (100%)

Yellow (70%)

Blue (65%)

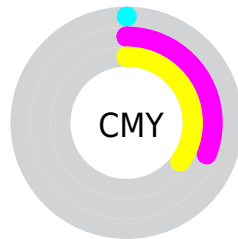


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.495, 32.180 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, 32.495, 32.180 by changing the saturation by 10% instead.

79, 32.495, 32.180

79, 32.495, 32.180

100, 32.495,
32.180

69, 32.495, 32.180

99, 32.495, 32.180

59, 32.495, 32.180

49, 32.495, 32.180

39, 32.495, 32.180

29, 32.495, 32.180

19, 32.495, 32.180

9, 32.495, 32.180

0, 32.495, 32.180

79, 32.495, 32.180

79, 32.495, 32.180

74, 43.402, 33.056

85, 22.339, 31.574

69, 54.982, 34.249

91, 12.955, 31.157

64, 67.034, 35.804

97, 4.309, 30.816

60, 79.171, 37.682

100, 0.059,
210.708

57, 90.576, 39.624

55, 99.473, 40.906

54, 102.453,
41.259

Harmonies

Complementary

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



79, 32.495, 32.180



92, 25.039, 211.185

Rectangle

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



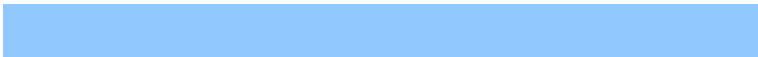
79, 32.495, 32.180



79, 32.495, 82.180



79, 32.495, 212.180



79, 32.495, 262.180

Sweetspot

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



79, 32.493, 32.185



93, 9.146, 31.016



79, 51.887, 329.896



49, 6.180, 31.059



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, 32.493, 32.185



75, 39.732, 32.735



90, 31.986, 82.216



50, 4.698, 30.969



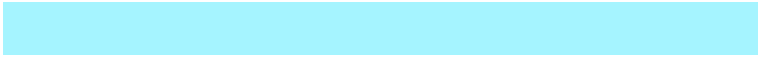
41, 82.221, 41.532



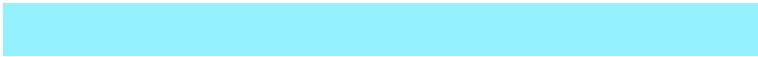
11, 31.128, 33.173

Inverse Universe

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



92, 25.039, 211.185



90, 28.875, 211.447



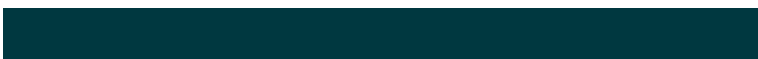
80, 30.984, 272.835



52, 4.415, 210.907



63, 35.438, 218.824



21, 16.446, 215.779

Previews

White Background



This preview shows how the CIELCh color 79, 32.495, 32.180 looks on a white background.

Color Contrast Check

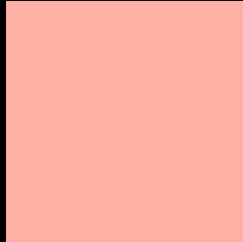
Large Text (above 18pt) WCAG AA × Fail

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, 32.495, 32.180 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, 32.495, 32.180

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.495, 32.180.



This preview shows how white text looks on a background with the CIELCh color 79, 32.495, 32.180.

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, 32.495, 32.180

Protanopia

79, 11.175, 91.148

Deuteranopia

79, 20.653, 59.990



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 32.495, 32.180

Protanomaly
79, 16.222, 53.917

Deuteranomaly
79, 23.981, 46.911

Tritanomaly
79, 31.390, 19.276

Monochromacy



Original Color
79, 32.495, 32.180

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, 32.495, 32.180 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.495, 32.180 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, 165) }
```

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

```
.border{ border-color:rgb(255, 176, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.495, 32.180 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
176, 165) }
```

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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