

Converting Colors

CIELCh(83, 48.489, 33.983)

Have a look what the booklet for
CIELCh(83, 48.489, 33.983) contains.

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Color

CIELCh(79, 33.889, 38.032)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB09E |
| RGB | 255, 176, 158 |
| RGB Percent | 100%, 69%, 62% |
| CMY | 0.0000, 0.3089, 0.3795 |
| CMYK | 0.00, 0.31, 0.38, 0.00 |
| HSL | 11°, 100%, 81% |
| HSV | 11°, 38%, 100% |
| XYZ | 63.0977, 54.9284, 39.7278 |
| YIQ | 197.5690, 52.8620, 11.1500 |

Conversions

Conversions Part 2

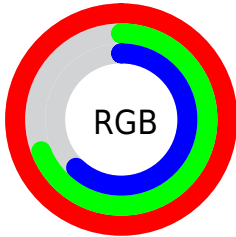
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 180, 158 |
| Decimal | 16756894 |
| CIE _{Lab} | 79.00, 26.69, 20.88 |
| CIE _{LCh} | 79, 33.889, 38.032 |
| Yxy | 54.9284, 0.4000, 0.3482 |
| Android (android.graphics.Color) | 4294946974 (0xFFFFB09E) |
| YUV | 197.5690, -19.5075, 50.3670 |
| Hunter-Lab | 74.1137, 22.2695, 20.0978 |

Details

The CIELCh color **79, 33.889, 38.032** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 25.577, 219.664**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 13.008, 68.148**, and **59, 33.709, 37.826** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.475, 38.570**, and if you desaturate by 10%, it is **84, 23.853, 37.805**.

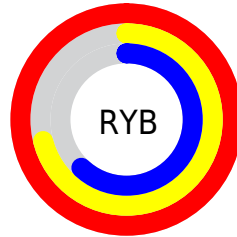
Distribution



Red (100%)

Green (69%)

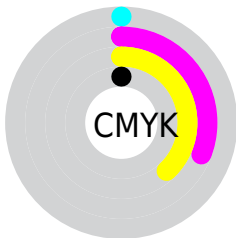
Blue (62%)



Red (100%)

Yellow (71%)

Blue (62%)

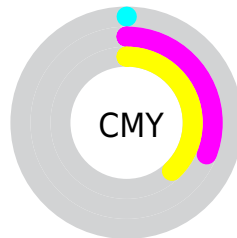


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.889, 38.032 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, 33.889, 38.032 by changing the saturation by 10% instead.

79, 33.889, 38.032

79, 33.889, 38.032

100, 33.889,
38.032

69, 33.889, 38.032

99, 33.889, 38.032

59, 33.889, 38.032

49, 33.889, 38.032

39, 33.889, 38.032

29, 33.889, 38.032

19, 33.889, 38.032

9, 33.889, 38.032

0, 33.889, 38.032

79, 33.889, 38.032

79, 33.889, 38.032

74, 44.475, 38.570

84, 23.853, 37.805

69, 55.860, 39.309

90, 14.684, 37.693

65, 67.748, 40.304

95, 6.236, 37.673

61, 79.706, 41.464

100, 0.012,
296.813

58, 90.757, 42.463

56, 99.008, 42.615

55, 100.422,
42.649

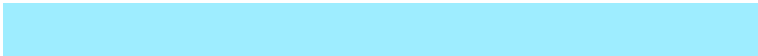
Harmonies

Complementary

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



79, 33.889, 38.032



89, 25.577, 219.664

Rectangle

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



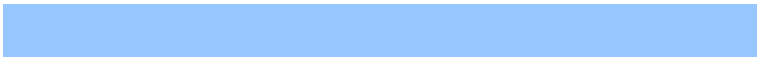
79, 33.889, 38.032



79, 33.889, 88.032



79, 33.889, 218.032



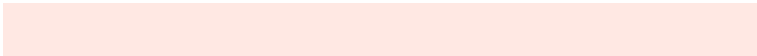
79, 33.889, 268.032

Sweetspot

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



79, 33.784, 38.081



94, 8.741, 37.679



77, 53.182, 332.405



49, 5.906, 37.680



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, 33.784, 38.081



75, 42.334, 38.456



90, 36.293, 87.479



50, 4.490, 37.677



42, 80.446, 43.034



12, 30.184, 36.395

Inverse Universe

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



89, 25.577, 219.664



87, 29.842, 220.456



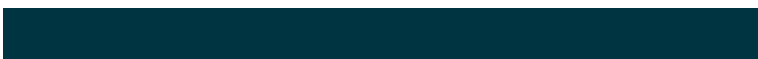
77, 36.328, 278.732



52, 4.226, 218.183



59, 35.197, 232.632



19, 16.133, 227.729

Previews

White Background



This preview shows how the CIELCh color 79, 33.889, 38.032 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, 33.889, 38.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

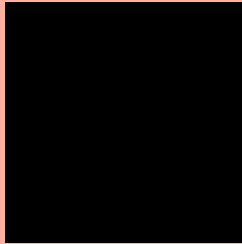
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 33.889, 38.032

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.889, 38.032.



This preview shows how white text looks on a background with the CIELCh color 79, 33.889, 38.032.

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, 33.889, 38.032

Protanopia

79, 14.973, 92.198

Deuteranopia

79, 23.700, 65.577



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 33.889, 38.032

Protanomaly
79, 19.342, 61.176

Deuteranomaly
79, 26.511, 53.185

Tritanomaly
79, 31.502, 21.177

Monochromacy



Original Color
79, 33.889, 38.032

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, 33.889, 38.032 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.889, 38.032 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, 158) }
```

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

```
.border{ border-color:rgb(255, 176, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 158); box-shadow:4px 4px 4px 4px rgb(255, 176, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.889, 38.032 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
176, 158) }
```

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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