

Converting Colors

CIELCh(81, 38.965, 37.822)

Have a look what the booklet for
CIELCh(81, 38.965, 37.822) contains.

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Color

CIELCh(79, 33.468, 39.980)

Conversions

Conversions Part 1

Format	Color
Hex	FEB19D
RGB	254, 177, 157
RGB Percent	100%, 69%, 62%
CMY	0.0043, 0.3059, 0.3842
CMYK	0.00, 0.30, 0.38, 0.00
HSL	12°, 98%, 81%
HSV	12°, 38%, 100%
XYZ	62.6441, 54.9284, 39.2090
YIQ	197.7430, 52.3120, 10.1040

Conversions

Conversions Part 2

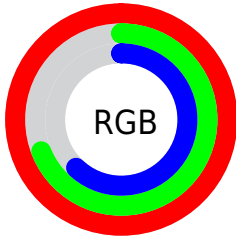
Format	Color
RYB	254, 182, 157
Decimal	16691613
CIELab	79.00, 25.65, 21.50
CIELCh	79, 33.468, 39.980
Yxy	54.9284, 0.3996, 0.3503
Android (android.graphics.Color)	4294881693 (0xFFFEb19D)
YUV	197.7430, -20.0863, 49.3374
Hunter-Lab	74.1137, 21.1770, 20.5128

Details

The CIELCh color **79, 33.468, 39.980** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 25.394, 222.456**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.569, 72.056**, and **59, 33.308, 39.837** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.011, 40.332**, and if you desaturate by 10%, it is **84, 23.677, 39.834**.

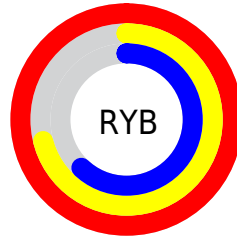
Distribution



Red (100%)

Green (69%)

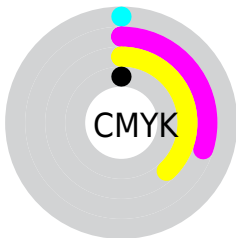
Blue (62%)



Red (100%)

Yellow (71%)

Blue (62%)

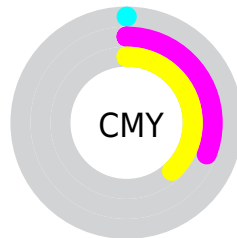


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.468, 39.980 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, 33.468, 39.980 by changing the saturation by 10% instead.

 79, 33.468, 39.980

 79, 33.468, 39.980

 100, 33.468,
39.980

 69, 33.468, 39.980

 99, 33.468, 39.980

 59, 33.468, 39.980

 49, 33.468, 39.980

 39, 33.468, 39.980

 29, 33.468, 39.980

 19, 33.468, 39.980

 9, 33.468, 39.980

 0, 33.468, 39.980

 79, 33.468, 39.980

 79, 33.468, 39.980

74, 44.011, 40.332

84, 23.677, 39.834

69, 55.251, 40.904

90, 14.638, 39.833

65, 67.005, 41.700

95, 6.307, 39.916

61, 78.842, 42.625

100, 0.383,
201.111

58, 89.785, 43.351

56, 97.998, 43.232

56, 99.292, 43.221

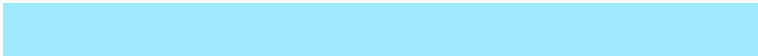
Harmonies

Complementary

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



79, 33.468, 39.980



89, 25.394, 222.456

Rectangle

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



79, 33.468, 39.980



79, 33.468, 89.980



79, 33.468, 219.980



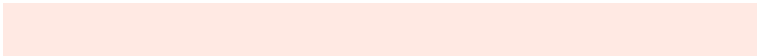
79, 33.468, 269.980

Sweetspot

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



79, 33.466, 39.985



94, 8.639, 39.892



77, 52.671, 333.045



49, 5.838, 39.880



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, 33.466, 39.985



75, 41.826, 40.239



90, 36.864, 88.765



50, 4.438, 39.906



42, 79.784, 43.636



12, 29.889, 37.530

Inverse Universe

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



89, 25.394, 222.456



87, 29.628, 223.364



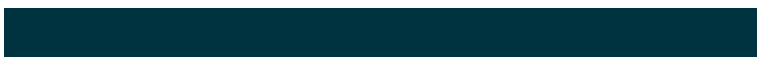
76, 37.193, 279.975



52, 4.182, 220.595



58, 35.516, 237.026



19, 16.171, 231.599

Previews

White Background



This preview shows how the CIELCh color 79, 33.468, 39.980 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 CIE LCh color 79, 33.468, 39.980 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, 33.468, 39.980

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.468, 39.980.

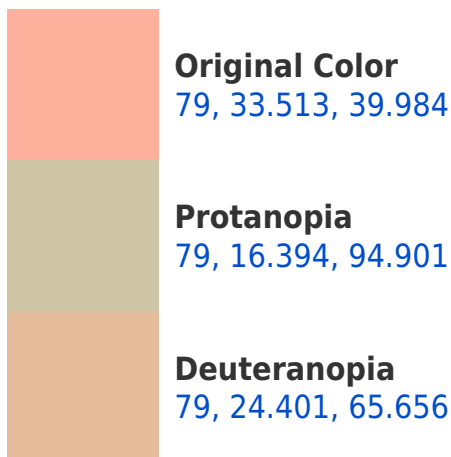


This preview shows how white text looks on a background with the CIELCh color 79, 33.468, 39.980.

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





Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 33.513, 39.984

Protanomaly
79, 19.501, 64.880

Deuteranomaly
79, 26.848, 54.042

Tritanomaly
79, 31.573, 22.122

Monochromacy



Original Color
79, 33.513, 39.984

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.373, 39.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.468, 39.980 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(254, 177, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 157)  
}
```

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(254, 177, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.468, 39.980 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(254, 177, 157) }
```

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

```
.border{ border-color:rgb(254, 177, 157) }
```

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

Here you see how a box with a 4 pixel rgb(254, 177, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.468, 39.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 177, 157) }
```

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

```
.background{ background-color: rgb(254,  
177, 157) }
```

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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