

Converting Colors

CIELCh(81, 38.724, 36.901)

Have a look what the booklet for
CIELCh(81, 38.724, 36.901) contains.

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Color

CIELCh(79, 33.231, 39.181)

Conversions

Conversions Part 1

Format	Color
Hex	FEB19E
RGB	254, 177, 158
RGB Percent	100%, 69%, 62%
CMY	0.0046, 0.3061, 0.3805
CMYK	0.00, 0.30, 0.38, 0.00
HSL	12°, 98%, 81%
HSV	12°, 38%, 100%
XYZ	62.6932, 54.9284, 39.6317
YIQ	197.8570, 51.9910, 10.4150

Conversions

Conversions Part 2

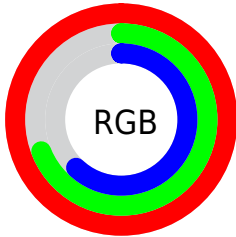
Format	Color
RYB	254, 182, 158
Decimal	16691614
CIELab	79.00, 25.76, 20.99
CIELCh	79, 33.231, 39.181
Yxy	54.9284, 0.3987, 0.3493
Android (android.graphics.Color)	4294881694 (0xFFFEb19E)
YUV	197.8570, -19.6495, 49.2374
Hunter-Lab	74.1137, 21.2953, 20.1747

Details

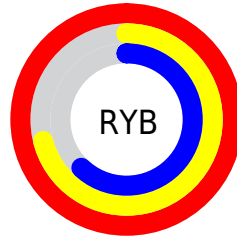
The CIELCh color **79, 33.231, 39.181** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 25.253, 221.270**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.155, 70.781**, and **59, 33.045, 38.999** is the 20% darker color. If you saturate the color by 10%, you get **74, 43.794, 39.585**, and if you desaturate by 10%, it is **84, 23.422, 38.989**.

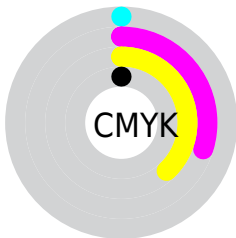
Distribution



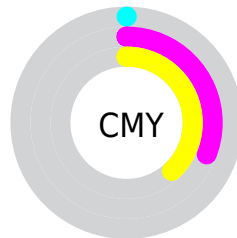
- Red (100%)
- Green (69%)
- Blue (62%)



- 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, 33.231, 39.181 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, 33.231, 39.181 by changing the saturation by 10% instead.

 79, 33.231, 39.181

 79, 33.231, 39.181

 100, 33.231,
39.181

 69, 33.231, 39.181

 99, 33.231, 39.181

 59, 33.231, 39.181

 49, 33.231, 39.181

 39, 33.231, 39.181

 29, 33.231, 39.181

 19, 33.231, 39.181

 9, 33.231, 39.181

 0, 33.231, 39.181

 79, 33.231, 39.181

 79, 33.231, 39.181

74, 43.794, 39.585

84, 23.422, 38.989

69, 55.056, 40.218

90, 14.368, 38.947

65, 66.835, 41.089

95, 6.025, 38.986

61, 78.714, 42.109

100, 0.403,
201.023

58, 89.738, 42.962

56, 98.054, 42.977

55, 99.609, 42.980

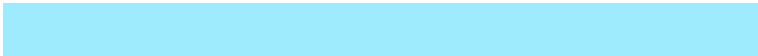
Harmonies

Complementary

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



79, 33.231, 39.181



89, 25.253, 221.270

Rectangle

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



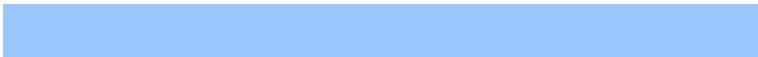
79, 33.231, 39.181



79, 33.231, 89.181



79, 33.231, 219.181



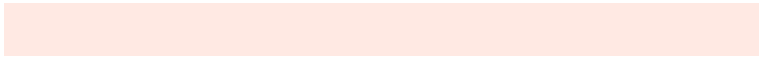
79, 33.231, 269.181

Sweetspot

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



79, 33.229, 39.186



94, 8.679, 38.974



77, 52.743, 332.392



49, 5.865, 38.967



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, 33.229, 39.186



76, 40.949, 39.452



90, 35.981, 87.505



50, 4.458, 38.981



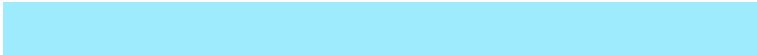
42, 80.062, 43.380



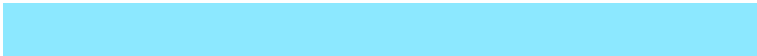
12, 30.011, 37.053

Inverse Universe

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



89, 25.253, 221.270



87, 29.206, 222.039



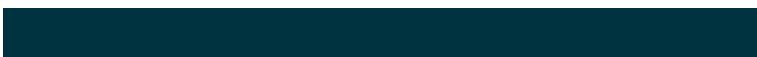
76, 36.015, 278.690



52, 4.199, 219.595



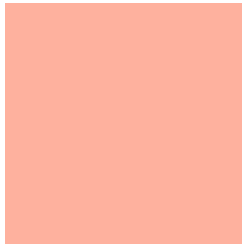
59, 35.361, 235.219



19, 16.147, 230.002

Previews

White Background



This preview shows how the CIELCh color 79, 33.231, 39.181 looks on a white background.

Color Contrast Check

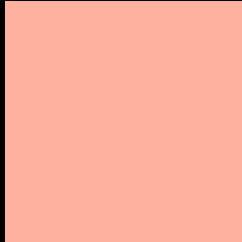
Large Text (above 18pt) WCAG AA × Fail

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, 33.231, 39.181 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, 33.231, 39.181

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.231, 39.181.

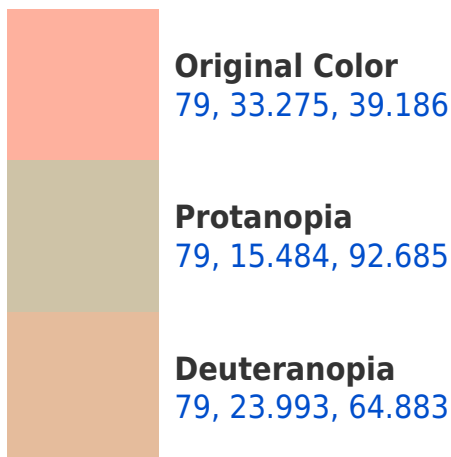


This preview shows how white text looks on a background with the CIELCh color 79, 33.231, 39.181.

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](#).

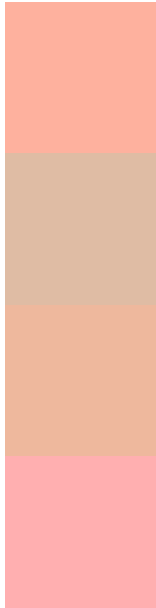
Dichromacy





Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 33.275, 39.186

Protanomaly
79, 19.036, 61.970

Deuteranomaly
79, 26.511, 53.185

Tritanomaly
79, 31.502, 21.177

Monochromacy



Original Color
79, 33.275, 39.186

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, 33.231, 39.181 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 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(254, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.231, 39.181 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, 158) }
```

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

```
.border{ border-color:rgb(254, 177, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.231, 39.181 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, 158) }
```

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

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