

Converting Colors

CIELCh(79, 34.018, 40.654)

Have a look what the booklet for
CIELCh(79, 34.018, 40.654) contains.

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Color

CIELCh(79, 33.758, 40.770)

Conversions

Conversions Part 1

Format	Color
Hex	FEB19C
RGB	254, 177, 156
RGB Percent	100%, 69%, 61%
CMY	0.0038, 0.3058, 0.3882
CMYK	0.00, 0.30, 0.39, 0.00
HSL	13°, 98%, 80%
HSV	13°, 39%, 100%
XYZ	62.6099, 54.9284, 38.7636
YIQ	197.6290, 52.6330, 9.7930

Conversions

Conversions Part 2

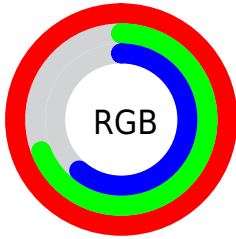
Format	Color
RYB	254, 183, 156
Decimal	16691612
CIELab	79.00, 25.57, 22.04
CIElCh	79, 33.758, 40.770
Yxy	54.9284, 0.4006, 0.3514
Android (android.graphics.Color)	4294881692 (0xFFFEb19c)
YUV	197.6290, -20.5231, 49.4374
Hunter-Lab	74.1137, 21.0945, 20.8692

Details

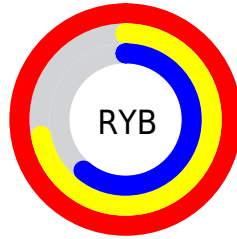
The CIELCh color **79, 33.758, 40.770** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 25.571, 223.641**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.990, 73.252**, and **59, 33.579, 40.661** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.288, 41.071**, and if you desaturate by 10%, it is **84, 23.978, 40.669**.

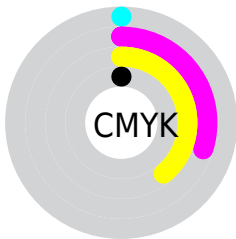
Distribution



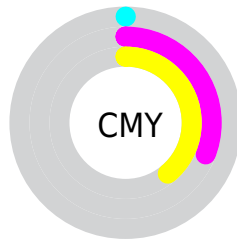
- Red (100%)
- Green (69%)
- Blue (61%)



- Red (100%)
- Yellow (72%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.758, 40.770 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, 33.758, 40.770 by changing the saturation by 10% instead.

 79, 33.758, 40.770

 79, 33.758, 40.770

 100, 33.758,
40.770

 69, 33.758, 40.770

 99, 33.758, 40.770

 59, 33.758, 40.770

 49, 33.758, 40.770

 39, 33.758, 40.770

 29, 33.758, 40.770

 19, 33.758, 40.770

 9, 33.758, 40.770

 0, 33.758, 40.770

 79, 33.758, 40.770

 79, 33.758, 40.770

74, 44.288, 41.071

84, 23.978, 40.669

69, 55.511, 41.584

89, 14.947, 40.709

65, 67.242, 42.307

95, 6.622, 40.833

62, 79.037, 43.136

100, 0.339,
201.336

59, 89.887, 43.735

56, 97.989, 43.487

56, 98.992, 43.469

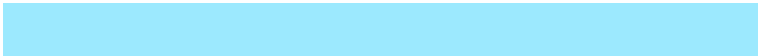
Harmonies

Complementary

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



79, 33.758, 40.770



88, 25.571, 223.641

Rectangle

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



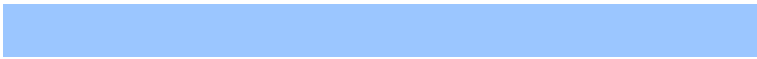
79, 33.758, 40.770



79, 33.758, 90.770



79, 33.758, 220.770



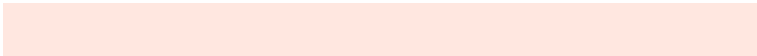
79, 33.758, 270.770

Sweetspot

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



79, 33.756, 40.775



93, 9.423, 40.789



77, 53.255, 333.075



49, 6.284, 40.772



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, 33.756, 40.775



76, 41.632, 40.975



90, 37.298, 88.707



50, 4.419, 40.822



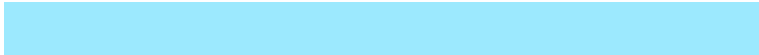
42, 79.503, 43.899



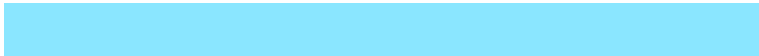
12, 29.769, 38.011

Inverse Universe

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



88, 25.571, 223.641



87, 29.562, 224.555



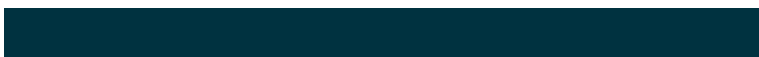
76, 37.640, 280.069



52, 4.166, 221.586



58, 35.700, 238.793



19, 16.205, 233.169

Previews

White Background



This preview shows how the CIELCh color 79, 33.758, 40.770 looks on a white background.

Color Contrast Check

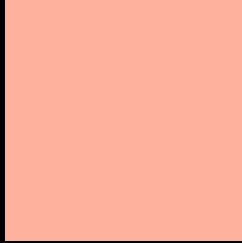
Large Text (above 18pt) WCAG AA × Fail

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, 33.758, 40.770 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, 33.758, 40.770

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.758, 40.770.



This preview shows how white text looks on a background with the CIELCh color 79, 33.758, 40.770.

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, 33.758, 40.770

Protanopia

79, 17.007, 93.964

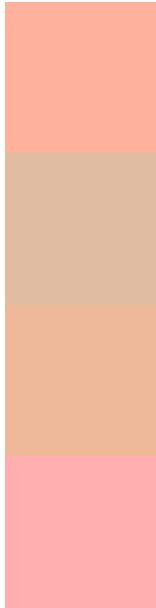
Deuteranopia

79, 24.813, 66.402



Tritanopia
79, 31.770, 10.844

Trichromacy



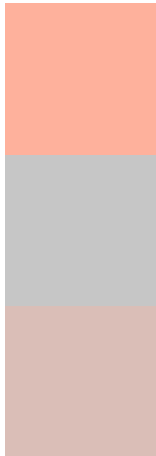
Original Color
79, 33.758, 40.770

Protanomaly
79, 20.192, 65.033

Deuteranomaly
79, 27.191, 54.877

Tritanomaly
79, 31.573, 22.122

Monochromacy



Original Color
79, 33.758, 40.770

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, 33.758, 40.770 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 177, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 177, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.758, 40.770 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, 156) }
```

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

```
.border{ border-color:rgb(254, 177, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 177,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.758, 40.770 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, 156) }
```

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

```
.background{ background-color: rgb(254,  
177, 156) }
```

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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