

Converting Colors

CIELCh(79, 33.985, 40.044)

Have a look what the booklet for
CIELCh(79, 33.985, 40.044) contains.

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Color

CIELCh(79, 34.154, 40.567)

Conversions

Conversions Part 1

Format	Color
Hex	FFB19C
RGB	255, 177, 156
RGB Percent	100%, 69%, 61%
CMY	0.0012, 0.3069, 0.3893
CMYK	0.00, 0.31, 0.39, 0.00
HSL	13°, 99%, 80%
HSV	13°, 39%, 100%
XYZ	62.7735, 54.9284, 38.6269
YIQ	197.9280, 53.2290, 10.0050

Conversions

Conversions Part 2

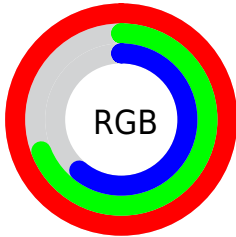
Format	Color
R _Y B	255, 183, 156
Decimal	16757148
CIE Lab	79.00, 25.94, 22.21
CIE LCh	79, 34.154, 40.567
Yxy	54.9284, 0.4015, 0.3514
Android (android.graphics.Color)	4294947228 (0xFFFFB19C)
YUV	197.9280, -20.6705, 50.0521
Hunter-Lab	74.1137, 21.4887, 20.9786

Details

The CIELCh color **79, 34.154, 40.567** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 25.795, 223.366**, 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, 34.004, 40.461** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.740, 40.890**, and if you desaturate by 10%, it is **84, 24.319, 40.447**.

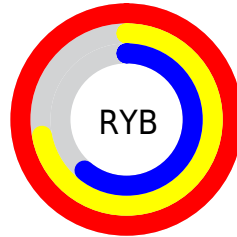
Distribution



Red (100%)

Green (69%)

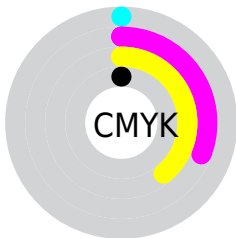
Blue (61%)



Red (100%)

Yellow (72%)

Blue (61%)

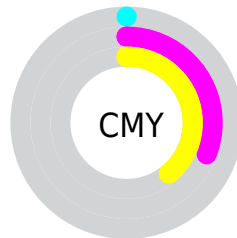


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 34.154, 40.567 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, 34.154, 40.567 by changing the saturation by 10% instead.


 79, 34.154, 40.567

 79, 34.154, 40.567

 100, 34.154,
40.567

 69, 34.154, 40.567

 99, 34.154, 40.567

 59, 34.154, 40.567

 49, 34.154, 40.567

 39, 34.154, 40.567

 29, 34.154, 40.567

 19, 34.154, 40.567

 9, 34.154, 40.567

 0, 34.154, 40.567

 79, 34.154, 40.567

 79, 34.154, 40.567

74, 44.740, 40.890

84, 24.319, 40.447

69, 56.019, 41.428

90, 15.237, 40.471

65, 67.795, 42.178

95, 6.865, 40.584

62, 79.616, 43.033

100, 0.105,
205.704

59, 90.444, 43.645

56, 98.479, 43.408

56, 99.287, 43.399

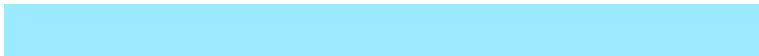
Harmonies

Complementary

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



79, 34.154, 40.567



88, 25.795, 223.366

Rectangle

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



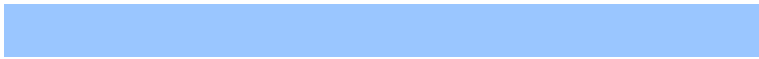
79, 34.154, 40.567



79, 34.154, 90.567



79, 34.154, 220.567



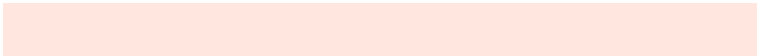
79, 34.154, 270.567

Sweetspot

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



79, 34.152, 40.572



93, 9.434, 40.546



77, 53.735, 333.095



49, 6.291, 40.530



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, 34.152, 40.572



75, 42.762, 40.815



91, 37.651, 88.668



50, 4.424, 40.577



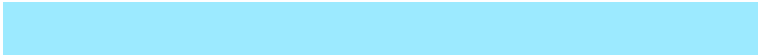
42, 79.579, 43.827



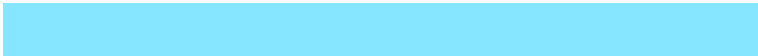
12, 29.801, 37.881

Inverse Universe

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



88, 25.795, 223.366



86, 30.073, 224.372



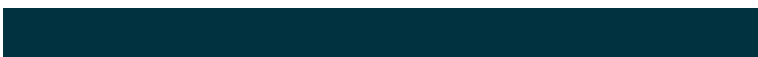
76, 38.002, 280.131



52, 4.170, 221.321



58, 35.647, 238.322



19, 16.195, 232.750

Previews

White Background



This preview shows how the CIELCh color 79, 34.154, 40.567 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, 34.154, 40.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

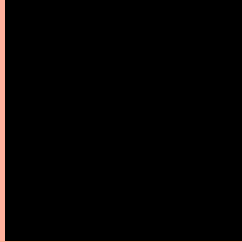
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 34.154, 40.567

Background



This preview shows how black text looks on a background with the CIELCh color 79, 34.154, 40.567.



This preview shows how white text looks on a background with the CIELCh color 79, 34.154, 40.567.

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, 34.154, 40.567

Protanopia

79, 17.007, 93.964

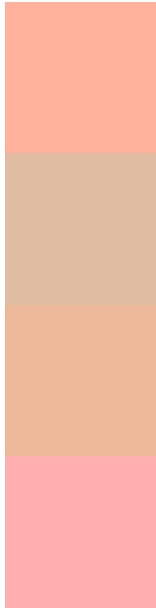
Deuteranopia

79, 24.813, 66.402



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 34.154, 40.567

Protanomaly
79, 20.192, 65.033

Deuteranomaly
79, 27.191, 54.877

Tritanomaly
79, 31.573, 22.122

Monochromacy



Original Color
79, 34.154, 40.567

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.745, 38.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 34.154, 40.567 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, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 34.154, 40.567 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, 177, 156) }
```

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

```
.border{ border-color:rgb(255, 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(255, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 34.154, 40.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 156) }
```

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

```
.background{ background-color: rgb(255,  
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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