

Converting Colors

CIELCh(79, 31.016, 20.151)

Have a look what the booklet for
CIELCh(79, 31.016, 20.151) contains.

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Color

CIELCh(79, 31.040, 20.167)

Conversions

Conversions Part 1

Format	Color
Hex	FEAFB1
RGB	254, 175, 177
RGB Percent	100%, 69%, 69%
CMY	0.0038, 0.3136, 0.3057
CMYK	0.00, 0.31, 0.30, 0.00
HSL	358°, 98%, 84%
HSV	358°, 31%, 100%
XYZ	64.1642, 54.9284, 48.8344
YIQ	198.8490, 46.4420, 17.3700

Conversions

Conversions Part 2

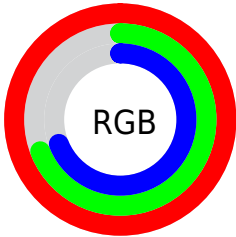
Format	Color
RYB	254, 175, 177
Decimal	16691121
CIELab	79.00, 29.14, 10.70
CIELCh	79, 31.040, 20.167
Yxy	54.9284, 0.3821, 0.3271
Android (android.graphics.Color)	4294881201 (0xFFFEAFB1)
YUV	198.8490, -10.7716, 48.3674
Hunter-Lab	74.1137, 24.8381, 12.8127

Details

The CIELCh color **79, 31.040, 20.167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.269, 195.503**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.731, 13.206**, and **59, 31.080, 19.906** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.398, 21.700**, and if you desaturate by 10%, it is **85, 20.305, 18.985**.

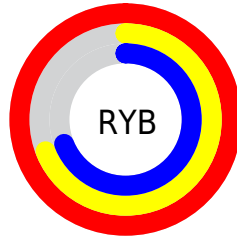
Distribution



Red (100%)

Green (69%)

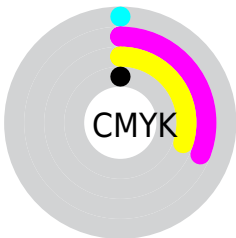
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

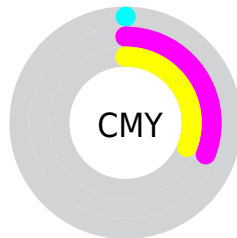


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.040, 20.167 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, 31.040, 20.167 by changing the saturation by 10% instead.

 79, 31.040, 20.167

 79, 31.040, 20.167

 100, 31.040,
20.167

 69, 31.040, 20.167

 99, 31.040, 20.167

 59, 31.040, 20.167

 49, 31.040, 20.167

 39, 31.040, 20.167

 29, 31.040, 20.167

 19, 31.040, 20.167

 9, 31.040, 20.167

 0, 31.040, 20.167

 79, 31.040, 20.167

 79, 31.040, 20.167

73, 42.398, 21.700

85, 20.305, 18.985

67, 54.205, 23.684

92, 10.283, 18.038

62, 66.159, 26.241

99, 0.979, 16.708

58, 77.857, 29.449

100, 0.333,
201.373

56, 88.775, 33.208

54, 97.974, 36.974

53, 103.289,
39.306

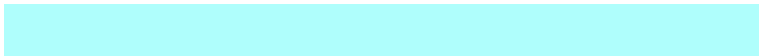
Harmonies

Complementary

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



79, 31.040, 20.167



95, 25.269, 195.503

Rectangle

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



79, 31.040, 20.167



79, 31.040, 70.167



79, 31.040, 200.167



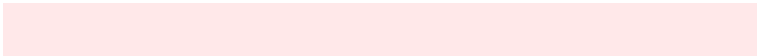
79, 31.040, 250.167

Sweetspot

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



79, 31.038, 20.172



94, 8.299, 17.857



81, 49.037, 325.179



49, 5.799, 17.982



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, 31.038, 20.172



76, 37.794, 21.027



88, 25.633, 68.002



49, 5.253, 17.900



40, 83.109, 39.017



10, 33.159, 26.169

Inverse Universe

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



79, 31.038, 20.172



76, 37.794, 21.027



85, 23.057, 256.598



49, 5.253, 17.900



40, 83.109, 39.017



10, 33.159, 26.169

Previews

White Background



This preview shows how the CIELCh color 79, 31.040, 20.167 looks on a white background.

Color Contrast Check

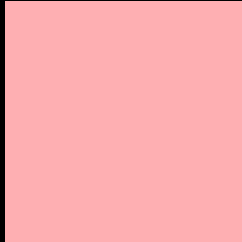
Large Text (above 18pt) WCAG AA × Fail

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, 31.040, 20.167 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, 31.040, 20.167

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.040, 20.167.

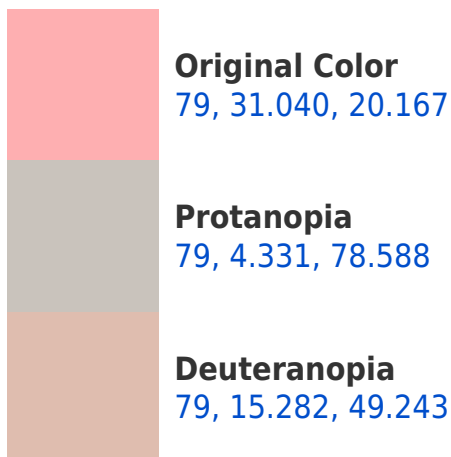


This preview shows how white text looks on a background with the CIELCh color 79, 31.040, 20.167.

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, 31.811, 9.901

Trichromacy



Original Color

79, 31.040, 20.167



Protanomaly

79, 12.449, 30.116



Deuteranomaly

79, 20.117, 33.012



Tritanomaly

79, 31.704, 13.685

Monochromacy



Original Color

79, 31.040, 20.167



Achromatopsia

80, 0.010, 296.813



Achromatomaly

79, 10.964, 17.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.040, 20.167 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 177)  
}
```

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, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.040, 20.167 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, 175, 177) }
```

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

```
.border{ border-color:rgb(254, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.040, 20.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 177) }
```

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

```
.background{ background-color: rgb(254,  
175, 177) }
```

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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