

Converting Colors

CIELCh(82, 41.889, 29.242)

Have a look what the booklet for
CIELCh(82, 41.889, 29.242) contains.

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Color

CIELCh(79, 31.722, 30.482)

Conversions

Conversions Part 1

Format	Color
Hex	FEB0A7
RGB	254, 176, 167
RGB Percent	100%, 69%, 65%
CMY	0.0041, 0.3096, 0.3448
CMYK	0.00, 0.31, 0.34, 0.00
HSL	6°, 98%, 83%
HSV	6°, 34%, 100%
XYZ	63.3778, 54.9284, 43.8556
YIQ	198.2960, 49.3770, 13.7370

Conversions

Conversions Part 2

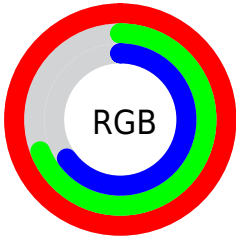
Format	Color
RYB	254, 177, 167
Decimal	16691367
CIELab	79.00, 27.34, 16.09
CIELCh	79, 31.722, 30.482
Yxy	54.9284, 0.3908, 0.3387
Android (android.graphics.Color)	4294881447 (0xFFFE0A7)
YUV	198.2960, -15.4289, 48.8524
Hunter-Lab	74.1137, 22.9441, 16.7956

Details

The CIELCh color **79, 31.722, 30.482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 24.679, 208.873**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.891, 51.018**, and **59, 31.546, 30.770** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.650, 31.451**, and if you desaturate by 10%, it is **85, 21.539, 29.794**.

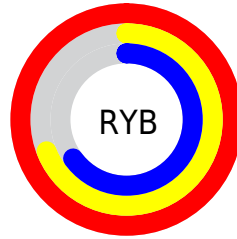
Distribution



Red (100%)

Green (69%)

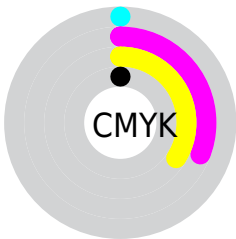
Blue (65%)



Red (100%)

Yellow (69%)

Blue (65%)

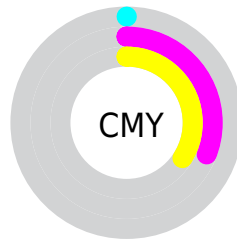


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.722, 30.482 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, 31.722, 30.482 by changing the saturation by 10% instead.

 79, 31.722, 30.482

 79, 31.722, 30.482

 100, 31.722,
30.482

 69, 31.722, 30.482

 99, 31.722, 30.482

 59, 31.722, 30.482

 49, 31.722, 30.482

 39, 31.722, 30.482

 29, 31.722, 30.482

 19, 31.722, 30.482

 9, 31.722, 30.482

 0, 31.722, 30.482

 79, 31.722, 30.482

 79, 31.722, 30.482

73, 42.650, 31.451

85, 21.539, 29.794

68, 54.239, 32.755

91, 12.125, 29.300

64, 66.287, 34.451

97, 3.448, 28.854

60, 78.419, 36.519

100, 0.359,
201.228

57, 89.884, 38.731

55, 99.033, 40.397

54, 102.660,
40.963

Harmonies

Complementary

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



79, 31.722, 30.482



92, 24.679, 208.873

Rectangle

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



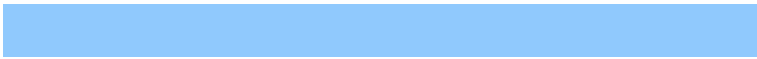
79, 31.722, 30.482



79, 31.722, 80.482



79, 31.722, 210.482



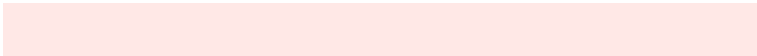
79, 31.722, 260.482

Sweetspot

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



79, 31.720, 30.487



94, 8.408, 29.128



79, 50.756, 329.285



49, 5.770, 29.185



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, 31.720, 30.487



75, 39.189, 31.108



89, 30.499, 80.867



50, 4.771, 29.109



41, 82.639, 41.199



11, 31.431, 32.244

Inverse Universe

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



92, 24.679, 208.873



91, 28.749, 209.033



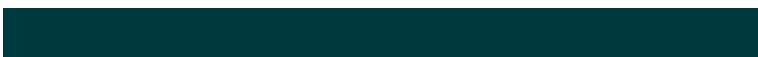
80, 29.319, 271.127



52, 4.483, 208.889



64, 35.852, 214.934



21, 16.656, 212.440

Previews

White Background



This preview shows how the CIELCh color 79, 31.722, 30.482 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, 31.722, 30.482 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, 31.722, 30.482

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.722, 30.482.

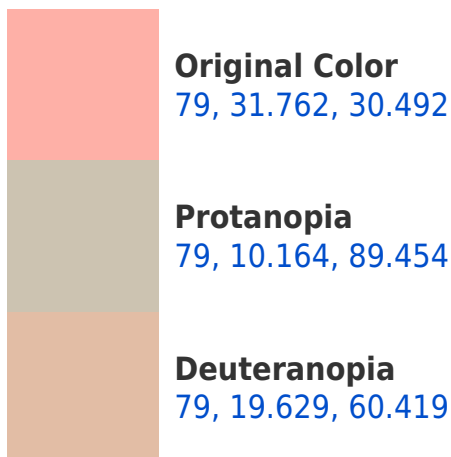


This preview shows how white text looks on a background with the CIELCh color 79, 31.722, 30.482.

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, 31.762, 30.492

Protanomaly
79, 15.595, 50.861

Deuteranomaly
79, 23.056, 45.141

Tritanomaly
79, 31.347, 18.320

Monochromacy



Original Color
79, 31.762, 30.492

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.771, 28.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.722, 30.482 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, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 167)  
}
```

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, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.722, 30.482 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, 176, 167) }
```

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

```
.border{ border-color:rgb(254, 176, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.722, 30.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 176, 167) }
```

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

```
.background{ background-color: rgb(254,  
176, 167) }
```

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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