

Converting Colors

CIELCh(80, 33.360, 27.193)

Have a look what the booklet for
CIELCh(80, 33.360, 27.193) contains.

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Color

CIELCh(79, 31.298, 27.730)

Conversions

Conversions Part 1

Format	Color
Hex	FEB0AA
RGB	254, 176, 170
RGB Percent	100%, 69%, 67%
CMY	0.0048, 0.3103, 0.3337
CMYK	0.00, 0.31, 0.33, 0.00
HSL	4°, 97%, 83%
HSV	4°, 33%, 100%
XYZ	63.5371, 54.9284, 45.2312
YIQ	198.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

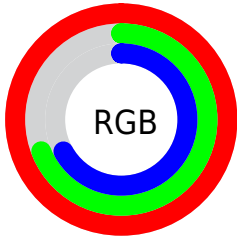
Format	Color
R _Y B	254, 176, 170
Decimal	16691370
CIE Lab	79.00, 27.70, 14.56
CIE LCh	79, 31.298, 27.730
Yxy	54.9284, 0.3881, 0.3355
Android (android.graphics.Color)	4294881450 (0xFFFE0AA)
YUV	198.6380, -14.1185, 48.5525
Hunter-Lab	74.1137, 23.3278, 15.6952

Details

The CIELCh color **79, 31.298, 27.730** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 24.630, 205.176**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.145, 42.940**, and **59, 31.050, 27.859** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.368, 28.866**, and if you desaturate by 10%, it is **85, 20.958, 26.897**.

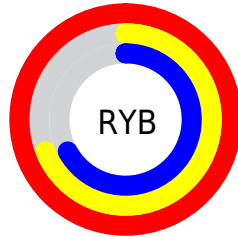
Distribution



Red (100%)

Green (69%)

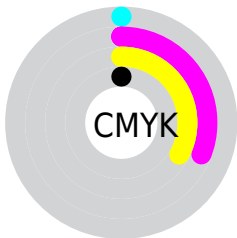
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

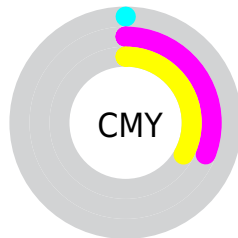


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.298, 27.730 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, 31.298, 27.730 by changing the saturation by 10% instead.

79, 31.298, 27.730

79, 31.298, 27.730

100, 31.298,
27.730

69, 31.298, 27.730

99, 31.298, 27.730

59, 31.298, 27.730

49, 31.298, 27.730

39, 31.298, 27.730

29, 31.298, 27.730

19, 31.298, 27.730

9, 31.298, 27.730

0, 31.298, 27.730

79, 31.298, 27.730

79, 31.298, 27.730

73, 42.368, 28.866

85, 20.958, 26.897

68, 54.065, 30.371

91, 11.386, 26.271

63, 66.168, 32.321

98, 2.555, 25.641

59, 78.299, 34.720

100, 0.426,
200.935

56, 89.762, 37.368

54, 99.042, 39.592

53, 103.255,
40.559

Harmonies

Complementary

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



79, 31.298, 27.730



93, 24.630, 205.176

Rectangle

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



79, 31.298, 27.730



79, 31.298, 77.730



79, 31.298, 207.730



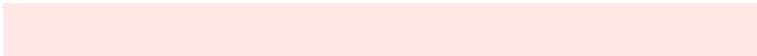
79, 31.298, 257.730

Sweetspot

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



79, 31.296, 27.735



94, 8.647, 26.105



80, 50.166, 328.173



49, 5.934, 26.181



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, 31.296, 27.735



75, 39.068, 28.486



89, 28.745, 77.910



50, 4.906, 26.079



40, 83.231, 40.740



10, 31.980, 30.667

Inverse Universe

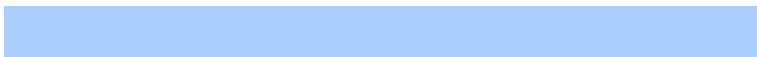
The Inverse Universe completely reimagines the original color for something new.



93, 24.630, 205.176



92, 28.988, 205.178



82, 27.194, 267.766



52, 4.611, 205.603



66, 36.877, 208.640



22, 17.120, 207.033

Previews

White Background



This preview shows how the CIELCh color 79, 31.298, 27.730 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, 31.298, 27.730 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, 31.298, 27.730

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.298, 27.730.



This preview shows how white text looks on a background with the CIELCh color 79, 31.298, 27.730.

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, 31.337, 27.742

Protanopia

79, 8.527, 88.506

Deuteranopia

79, 18.219, 57.740



Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.337, 27.742

Protanomaly
79, 14.393, 46.464

Deuteranomaly
79, 21.914, 42.010

Tritanomaly
79, 31.292, 16.403

Monochromacy



Original Color
79, 31.337, 27.742

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.683, 25.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.298, 27.730 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.298, 27.730 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, 170) }
```

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

```
.border{ border-color:rgb(254, 176, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.298, 27.730 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, 170) }
```

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

```
.background{ background-color: rgb(254,  
176, 170) }
```

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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