

Converting Colors

CIELCh(79, 30.998, 22.252)

Have a look what the booklet for
CIELCh(79, 30.998, 22.252) contains.

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Color

CIELCh(79, 31.170, 22.087)

Conversions

Conversions Part 1

Format	Color
Hex	FEAFAF
RGB	254, 175, 175
RGB Percent	100%, 69%, 69%
CMY	0.0032, 0.3131, 0.3131
CMYK	0.00, 0.31, 0.31, 0.00
HSL	0°, 98%, 84%
HSV	0°, 31%, 100%
XYZ	64.0526, 54.9284, 47.8657
YIQ	198.6210, 47.0840, 16.7480

Conversions

Conversions Part 2

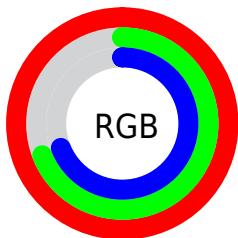
Format	Color
R _Y B	254, 175, 175
Decimal	16691119
CIE Lab	79.00, 28.88, 11.72
CIE LCh	79, 31.170, 22.087
Yxy	54.9284, 0.3839, 0.3292
Android (android.graphics.Color)	4294881199 (0xFFFEAF AF)
YUV	198.6210, -11.6452, 48.5674
Hunter-Lab	74.1137, 24.5694, 13.5876

Details

The CIELCh color **79, 31.170, 22.087** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.117, 197.874**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.722, 23.298**, and **59, 31.239, 21.930** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.671, 23.562**, and if you desaturate by 10%, it is **85, 20.348, 20.965**.

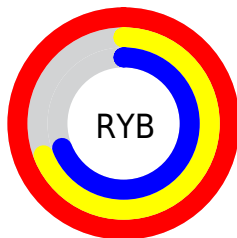
Distribution



Red (100%)

Green (69%)

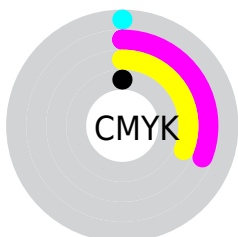
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

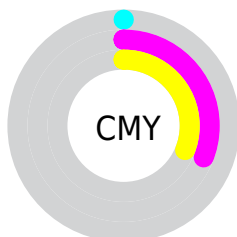


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.170, 22.087 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, 31.170, 22.087 by changing the saturation by 10% instead.

79, 31.170, 22.087

79, 31.170, 22.087

100, 31.170,
22.087

69, 31.170, 22.087

99, 31.170, 22.087

59, 31.170, 22.087

49, 31.170, 22.087

39, 31.170, 22.087

29, 31.170, 22.087

19, 31.170, 22.087

9, 31.170, 22.087

0, 31.170, 22.087

79, 31.170, 22.087

79, 31.170, 22.087

73, 42.671, 23.562

85, 20.348, 20.965

67, 54.687, 25.488

92, 10.283, 20.078

62, 66.921, 27.979

99, 0.970, 18.800

58, 78.952, 31.090

100, 0.286,
201.707

56, 90.163, 34.665

54, 99.309, 38.033

53, 104.318,
40.001

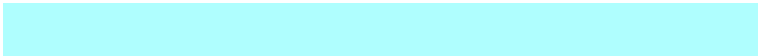
Harmonies

Complementary

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



79, 31.170, 22.087



95, 25.117, 197.874

Rectangle

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



79, 31.170, 22.087



79, 31.170, 72.087



79, 31.170, 202.087



79, 31.170, 252.087

Sweetspot

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



79, 31.168, 22.092



94, 8.299, 19.911



81, 49.470, 326.138



49, 5.801, 20.027



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, 31.168, 22.092



76, 37.995, 22.914



88, 25.988, 71.513



49, 5.253, 19.951



40, 84.228, 40.001



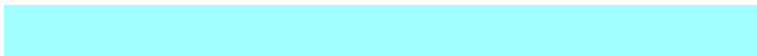
10, 33.365, 27.181

Inverse Universe

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



95, 25.117, 197.874



94, 29.220, 197.627



84, 23.816, 260.416



52, 4.945, 198.971



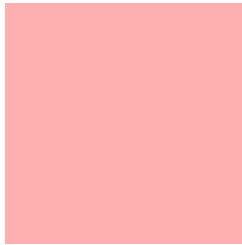
70, 40.359, 196.401



24, 18.568, 196.399

Previews

White Background



This preview shows how the CIELCh color 79, 31.170, 22.087 looks on a white background.

Color Contrast Check

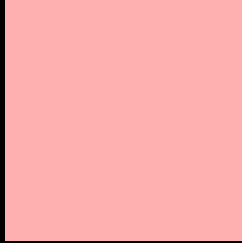
Large Text (above 18pt) WCAG AA × Fail

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, 31.170, 22.087 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, 31.170, 22.087

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.170, 22.087.



This preview shows how white text looks on a background with the CIELCh color 79, 31.170, 22.087.

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, 31.170, 22.087

Protanopia

79, 5.446, 80.819

Deuteranopia

79, 15.883, 52.426



Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.170, 22.087

Protanomaly
79, 13.111, 34.355

Deuteranomaly
79, 20.461, 35.822

Tritanomaly
79, 31.704, 13.685

Monochromacy



Original Color
79, 31.170, 22.087

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.973, 20.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.170, 22.087 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, 175)` looks like.

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

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, 175) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 79, 31.170, 22.087 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, 175) }
```

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

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

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, 175)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 79, 31.170, 22.087 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, 175) }
```

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

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

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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