

Converting Colors

CIELCh(79, 31.433, 22.104)

Have a look what the booklet for
CIELCh(79, 31.433, 22.104) contains.

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Color

CIELCh(79, 31.573, 22.122)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFAF
RGB	255, 175, 175
RGB Percent	100%, 69%, 69%
CMY	0.0006, 0.3142, 0.3142
CMYK	0.00, 0.31, 0.31, 0.00
HSL	0°, 100%, 84%
HSV	0°, 31%, 100%
XYZ	64.2133, 54.9284, 47.7059
YIQ	198.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

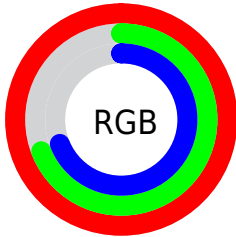
Format	Color
R _Y B	255, 175, 175
Decimal	16756655
CIE Lab	79.00, 29.25, 11.89
CIE LCh	79, 31.573, 22.122
Yxy	54.9284, 0.3849, 0.3292
Android (android.graphics.Color)	4294946735 (0xFFFFAF AF)
YUV	198.9200, -11.7926, 49.1822
Hunter-Lab	74.1137, 24.9563, 13.7155

Details

The CIELCh color **79, 31.573, 22.122** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.382, 197.855**, 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, 43.118, 23.610**, and if you desaturate by 10%, it is **85, 20.705, 20.990**.

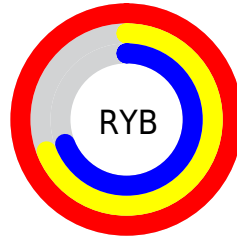
Distribution



Red (100%)

Green (69%)

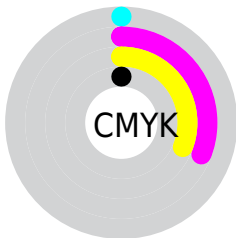
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

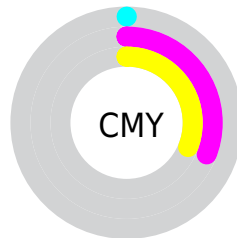


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.573, 22.122 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, 31.573, 22.122 by changing the saturation by 10% instead.

79, 31.573, 22.122

79, 31.573, 22.122

100, 31.573,
22.122

69, 31.573, 22.122

99, 31.573, 22.122

59, 31.573, 22.122

49, 31.573, 22.122

39, 31.573, 22.122

29, 31.573, 22.122

19, 31.573, 22.122

9, 31.573, 22.122

0, 31.573, 22.122

79, 31.573, 22.122

79, 31.573, 22.122

73, 43.118, 23.610

85, 20.705, 20.990

67, 55.171, 25.551

92, 10.595, 20.098

62, 67.432, 28.062

99, 1.240, 18.960

58, 79.475, 31.193

100, 0.052,
212.341

56, 90.670, 34.777

54, 99.737, 38.120

53, 104.529,
40.000

Harmonies

Complementary

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



79, 31.573, 22.122



95, 25.382, 197.855

Rectangle

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



79, 31.573, 22.122



79, 31.573, 72.122



79, 31.573, 202.122



79, 31.573, 252.122

Sweetspot

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



79, 31.571, 22.127



94, 8.300, 19.906



81, 50.042, 326.154



49, 5.801, 20.023



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, 31.571, 22.127



75, 39.160, 23.062



88, 26.312, 71.475



49, 5.254, 19.947



40, 84.229, 40.001



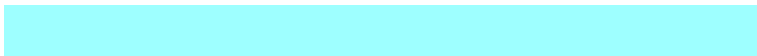
10, 33.367, 27.178

Inverse Universe

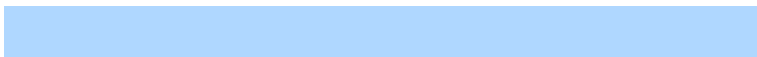
The Inverse Universe completely reimagines the original color for something new.



95, 25.382, 197.855



94, 29.875, 197.582



84, 24.090, 260.479



52, 4.945, 198.966



70, 40.363, 196.393



24, 18.569, 196.392

Previews

White Background



This preview shows how the CIELCh color 79, 31.573, 22.122 looks on a white background.

Color Contrast Check

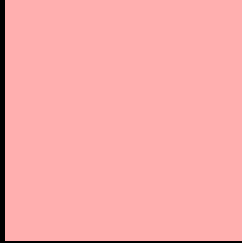
Large Text (above 18pt) WCAG AA × Fail

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, 31.573, 22.122 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, 31.573, 22.122

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.573, 22.122.



This preview shows how white text looks on a background with the CIELCh color 79, 31.573, 22.122.

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, 31.573, 22.122

Protanopia

79, 5.446, 80.819

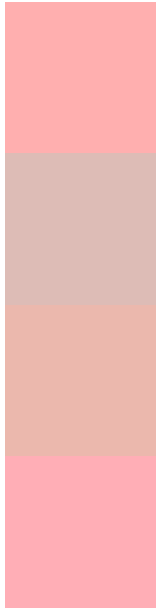
Deuteranopia

79, 16.202, 53.924



Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 31.573, 22.122

Protanomaly
79, 13.111, 34.355

Deuteranomaly
79, 21.041, 36.904

Tritanomaly
79, 31.700, 14.633

Monochromacy



Original Color
79, 31.573, 22.122

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, 31.573, 22.122 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, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.573, 22.122 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, 175, 175) }
```

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

```
.border{ border-color:rgb(255, 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(255, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.573, 22.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 175) }
```

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

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