

Converting Colors

CIELCh(79, 32.212, 21.511)

Have a look what the booklet for
CIELCh(79, 32.212, 21.511) contains.

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Color

CIELCh(79, 31.942, 21.241)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEAF
RGB	255, 174, 175
RGB Percent	100%, 68%, 69%
CMY	0.0000, 0.3158, 0.3119
CMYK	0.00, 0.32, 0.31, 0.00
HSL	359°, 100%, 84%
HSV	359°, 32%, 100%
XYZ	64.4433, 54.9284, 48.0056
YIQ	198.3330, 47.9550, 17.4830

Conversions

Conversions Part 2

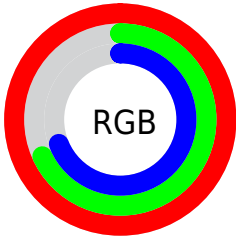
Format	Color
R _Y B	255, 174, 175
Decimal	16756399
CIE Lab	79.00, 29.77, 11.57
CIE LCh	79, 31.942, 21.241
Yxy	54.9284, 0.3850, 0.3282
Android (android.graphics.Color)	4294946479 (0xFFFFAEAF)
YUV	198.3330, -11.5032, 49.6970
Hunter-Lab	74.1137, 25.5103, 13.4757

Details

The CIELCh color **79, 31.942, 21.241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.601, 196.688**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.071, 19.967**, and **59, 31.629, 21.027** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.225, 22.741**, and if you desaturate by 10%, it is **85, 20.889, 20.049**.

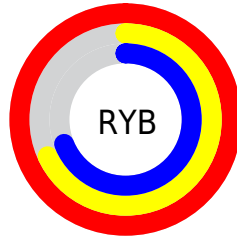
Distribution



Red (100%)

Green (68%)

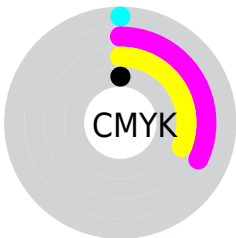
Blue (69%)



Red (100%)

Yellow (68%)

Blue (69%)

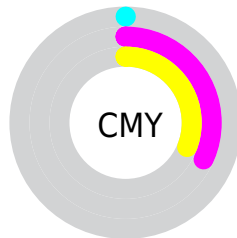


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.942, 21.241 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, 31.942, 21.241 by changing the saturation by 10% instead.

 79, 31.942, 21.241

 79, 31.942, 21.241

 100, 31.942,
21.241

 69, 31.942, 21.241

 99, 31.942, 21.241

 59, 31.942, 21.241

 49, 31.942, 21.241

 39, 31.942, 21.241

 29, 31.942, 21.241

 19, 31.942, 21.241

 9, 31.942, 21.241

 0, 31.942, 21.241

 79, 31.942, 21.241

 79, 31.942, 21.241

73, 43.225, 22.741

85, 20.889, 20.049

67, 55.188, 24.722

92, 10.781, 19.123

62, 67.319, 27.279

99, 1.412, 18.016

58, 79.198, 30.471

100, 0.012,
296.813

56, 90.242, 34.156

54, 99.314, 37.693

53, 104.086,
39.660

Harmonies

Complementary

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



79, 31.942, 21.241



95, 25.601, 196.688

Rectangle

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



79, 31.942, 21.241



79, 31.942, 71.241



79, 31.942, 201.241



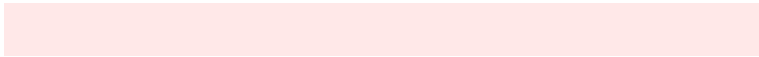
79, 31.942, 251.241

Sweetspot

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



79, 31.731, 21.221



94, 8.298, 18.907



81, 50.147, 325.685



49, 5.799, 19.029



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, 31.731, 21.221



75, 39.049, 22.150



88, 26.307, 69.710



49, 5.252, 18.949



40, 83.668, 39.515



10, 33.265, 26.688

Inverse Universe

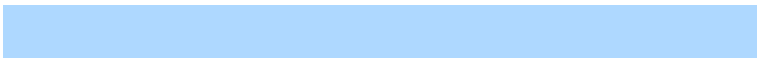
The Inverse Universe completely reimagines the original color for something new.



79, 31.731, 21.221



75, 39.049, 22.150



85, 23.845, 258.637



49, 5.252, 18.949



40, 83.668, 39.515



10, 33.265, 26.688

Previews

White Background



This preview shows how the CIELCh color 79, 31.942, 21.241 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, 31.942, 21.241 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, 31.942, 21.241

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.942, 21.241.



This preview shows how white text looks on a background with the CIELCh color 79, 31.942, 21.241.

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, 31.942, 21.241

Protanopia

79, 5.446, 80.819

Deuteranopia

79, 15.883, 52.426



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 31.942, 21.241

Protanomaly
79, 13.111, 34.355

Deuteranomaly
79, 20.852, 35.562

Tritanomaly
79, 31.700, 14.633

Monochromacy



Original Color
79, 31.942, 21.241

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, 31.942, 21.241 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, 174, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.942, 21.241 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, 174, 175) }
```

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

```
.border{ border-color:rgb(255, 174, 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, 174, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.942, 21.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 175) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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