

Converting Colors

CIELCh(78, 34.072, 30.586)

Have a look what the booklet for
CIELCh(78, 34.072, 30.586) contains.

CIELCh(78, 34.126, 31.022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 34.126, 31.022)

Conversions

Conversions Part 1

Format	Color
Hex	FFACA2
RGB	255, 172, 162
RGB Percent	100%, 67%, 64%
CMY	0.0011, 0.3265, 0.3657
CMYK	0.00, 0.33, 0.36, 0.00
HSL	6°, 99%, 82%
HSV	6°, 36%, 100%
XYZ	62.3376, 53.2120, 41.0494
YIQ	195.6770, 52.6780, 14.4860

Conversions

Conversions Part 2

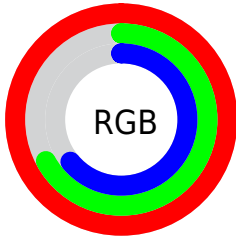
Format	Color
R _Y B	255, 173, 162
Decimal	16755874
CIE Lab	78.00, 29.24, 17.59
CIE LCh	78, 34.126, 31.022
Yxy	53.2120, 0.3981, 0.3398
Android (android.graphics.Color)	4294945954 (0xFFFFACA2)
YUV	195.6770, -16.6028, 52.0263
Hunter-Lab	72.9466, 24.8834, 17.6981

Details

The CIELCh color **78, 34.126, 31.022** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 26.034, 209.419**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 11.507, 49.317**, and **58, 34.132, 31.437** is the 20% darker color. If you saturate the color by 10%, you get **73, 45.215, 32.035**, and if you desaturate by 10%, it is **84, 23.774, 30.302**.

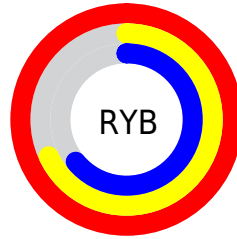
Distribution



Red (100%)

Green (67%)

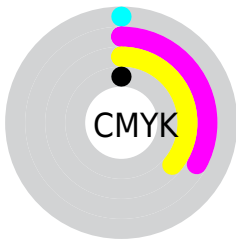
Blue (64%)



Red (100%)

Yellow (68%)

Blue (64%)

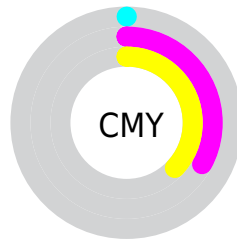


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.126, 31.022 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 78, 34.126, 31.022 by changing the saturation by 10% instead.

 78, 34.126, 31.022

 78, 34.126, 31.022

 100, 34.126,
31.022

 68, 34.126, 31.022

 98, 34.126, 31.022

 58, 34.126, 31.022

 48, 34.126, 31.022

 38, 34.126, 31.022

 28, 34.126, 31.022

 18, 34.126, 31.022

 8, 34.126, 31.022

 0, 34.126, 31.022

 78, 34.126, 31.022

 78, 34.126, 31.022

73, 45.215, 32.035

84, 23.774, 30.302

68, 56.938, 33.391

90, 14.194, 29.790

63, 69.065, 35.137

96, 5.362, 29.390

59, 81.163, 37.220

100, 0.098,
206.150

56, 92.333, 39.334

54, 100.643,
40.665

54, 102.794,
41.022

Harmonies

Complementary

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



78, 34.126, 31.022



92, 26.034, 209.419

Rectangle

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



78, 34.126, 31.022



78, 34.126, 81.022



78, 34.126, 211.022



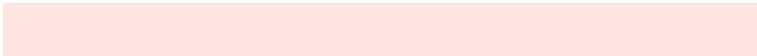
78, 34.126, 261.022

Sweetspot

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



78, 34.124, 31.027



93, 9.256, 29.569



78, 54.166, 329.421



49, 6.255, 29.621



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 34.124, 31.027



74, 42.417, 31.753



89, 32.721, 80.548



50, 4.754, 29.512



41, 82.551, 41.268



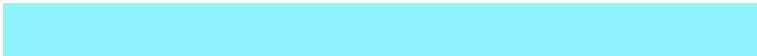
11, 31.363, 32.448

Inverse Universe

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



92, 26.034, 209.419



90, 30.286, 209.653



79, 31.372, 271.633



52, 4.468, 209.327



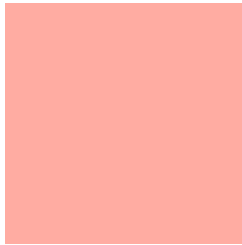
64, 35.749, 215.777



21, 16.605, 213.164

Previews

White Background



This preview shows how the CIELCh color 78, 34.126, 31.022 looks on a white background.

Color Contrast Check

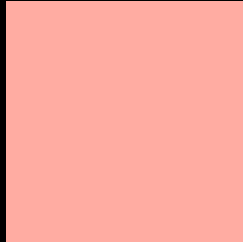
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.126, 31.022 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 78, 34.126, 31.022

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.126, 31.022.

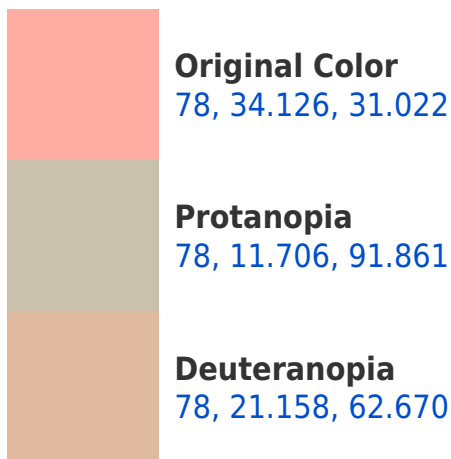


This preview shows how white text looks on a background with the CIELCh color 78, 34.126, 31.022.

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
78, 33.448, 11.620

Trichromacy



Original Color
78, 34.126, 31.022

Protanomaly
78, 16.962, 52.416

Deuteranomaly
78, 24.734, 47.522

Tritanomaly
78, 33.092, 18.725

Monochromacy



Original Color
78, 34.126, 31.022

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.691, 30.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.126, 31.022 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, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 162)  
}
```

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, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.126, 31.022 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, 172, 162) }
```

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

```
.border{ border-color:rgb(255, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.126, 31.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 162) }
```

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

```
.background{ background-color: rgb(255,  
172, 162) }
```

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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