

Converting Colors

CIELCh(90, 74.899, 29.527)

Have a look what the booklet for
CIELCh(90, 74.899, 29.527) contains.

CIELCh(78, 35.032, 30.901)	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, 35.032, 30.901)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA1
RGB	255, 171, 161
RGB Percent	100%, 67%, 63%
CMY	0.0000, 0.3291, 0.3684
CMYK	0.00, 0.33, 0.37, 0.00
HSL	6°, 100%, 82%
HSV	6°, 37%, 100%
XYZ	62.6889, 53.2120, 40.7065
YIQ	194.9760, 53.2740, 14.6980

Conversions

Conversions Part 2

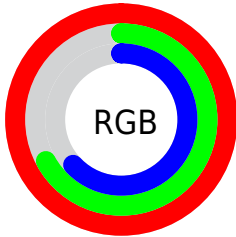
Format	Color
RYB	255, 172, 161
Decimal	16755617
CIELab	78.00, 30.06, 17.99
CIELCh	78, 35.032, 30.901
Yxy	53.2120, 0.4003, 0.3398
Android (android.graphics.Color)	4294945697 (0xFFFFABA1)
YUV	194.9760, -16.7502, 52.6410
Hunter-Lab	72.9466, 25.7430, 17.9769

Details

The CIELCh color **78, 35.032, 30.901** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 26.279, 209.330**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 11.850, 48.432**, and **58, 34.628, 31.397** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.679, 32.014**, and if you desaturate by 10%, it is **84, 24.156, 30.251**.

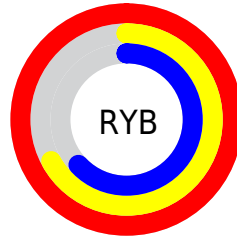
Distribution



Red (100%)

Green (67%)

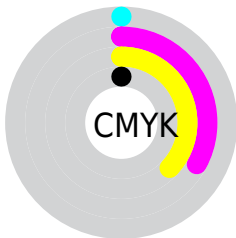
Blue (63%)



Red (100%)

Yellow (67%)

Blue (63%)

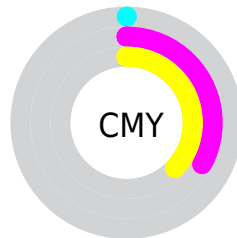


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 35.032, 30.901 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, 35.032, 30.901 by changing the saturation by 10% instead.

 78, 35.032, 30.901

 78, 35.032, 30.901

 100, 35.032,
30.901

 68, 35.032, 30.901

 98, 35.032, 30.901

 58, 35.032, 30.901

 48, 35.032, 30.901

 38, 35.032, 30.901

 28, 35.032, 30.901

 18, 35.032, 30.901

 8, 35.032, 30.901

 0, 35.032, 30.901

 78, 35.032, 30.901

 78, 35.032, 30.901

72, 45.679, 32.014

84, 24.156, 30.251

67, 57.435, 33.390

90, 14.535, 29.729

63, 69.583, 35.158

96, 5.664, 29.326

59, 81.678, 37.260

100, 0.012,
296.813

56, 92.795, 39.375

54, 100.967,
40.675

54, 102.902,
41.009

Harmonies

Complementary

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



78, 35.032, 30.901



92, 26.279, 209.330

Rectangle

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



78, 35.032, 30.901



78, 35.032, 80.901



78, 35.032, 210.901



78, 35.032, 260.901

Sweetspot

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



78, 34.548, 30.990



93, 9.262, 29.491



78, 54.709, 329.441



49, 6.259, 29.544



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, 34.548, 30.990



74, 42.443, 31.690



89, 33.076, 80.500



50, 4.757, 29.434



41, 82.568, 41.255



11, 31.377, 32.408

Inverse Universe

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



92, 26.279, 209.330



90, 30.305, 209.551



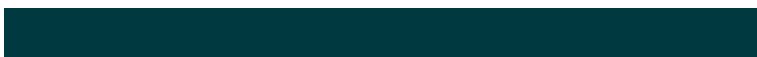
79, 31.701, 271.711



52, 4.471, 209.241



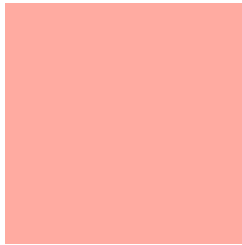
64, 35.769, 215.613



21, 16.615, 213.023

Previews

White Background



This preview shows how the CIELCh color 78, 35.032, 30.901 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, 35.032, 30.901 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, 35.032, 30.901

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.032, 30.901.

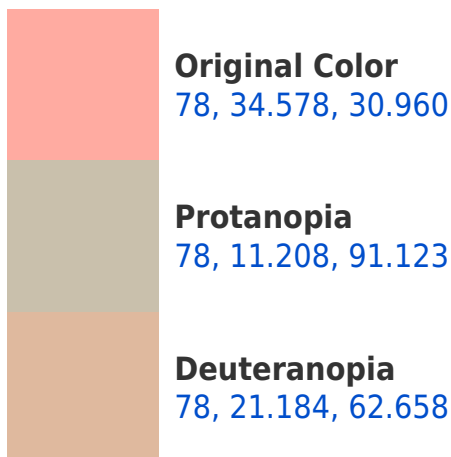


This preview shows how white text looks on a background with the CIELCh color 78, 35.032, 30.901.

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, 33.870, 11.808

Trichromacy



Original Color
78, 34.578, 30.960

Protanomaly
78, 17.022, 50.277

Deuteranomaly
78, 25.140, 47.115

Tritanomaly
78, 33.531, 18.825

Monochromacy



Original Color
78, 34.578, 30.960

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.982, 27.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.032, 30.901 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.032, 30.901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

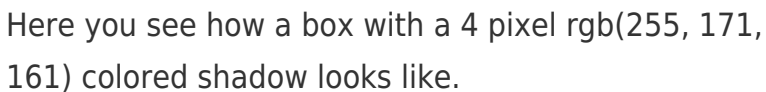
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 171, 161) }
```

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

```
.border{ border-color:rgb(255, 171, 161) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 171, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 171, 161); box-shadow:4px 4px 4px 4px rgb(255, 171, 161) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.032, 30.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 161) }
```

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

```
.background{ background-color: rgb(255,  
171, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor