

Converting Colors

CIELCh(85, 60.325, 33.276)

Have a look what the booklet for
CIELCh(85, 60.325, 33.276) contains.

CIELCh(78, 36.138, 37.281)	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, 36.138, 37.281)

Conversions

Conversions Part 1

Format	Color
Hex	FFAC9A
RGB	255, 172, 154
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3261, 0.3968
CMYK	0.00, 0.33, 0.40, 0.00
HSL	11°, 100%, 80%
HSV	11°, 40%, 100%
XYZ	62.1265, 53.2120, 37.4905
YIQ	194.7650, 55.2460, 11.9980

Conversions

Conversions Part 2

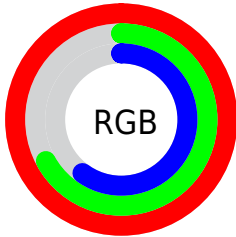
Format	Color
R _Y B	255, 176, 154
Decimal	16755866
CIE Lab	78.00, 28.75, 21.89
CIE LCh	78, 36.138, 37.281
Yxy	53.2120, 0.4065, 0.3482
Android (android.graphics.Color)	4294945946 (0xFFFFAC9A)
YUV	194.7650, -20.0971, 52.8261
Hunter-Lab	72.9466, 24.3669, 20.5908

Details

The CIELCh color **78, 36.138, 37.281** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 26.636, 218.730**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 14.494, 64.902**, and **58, 35.687, 37.284** is the 20% darker color. If you saturate the color by 10%, you get **73, 46.626, 38.013**, and if you desaturate by 10%, it is **83, 25.644, 37.063**.

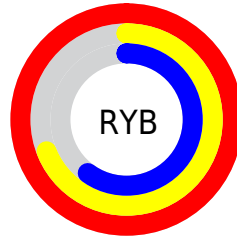
Distribution



Red (100%)

Green (67%)

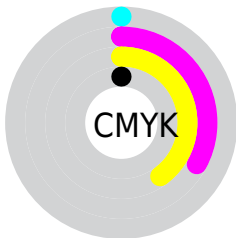
Blue (60%)



Red (100%)

Yellow (69%)

Blue (60%)

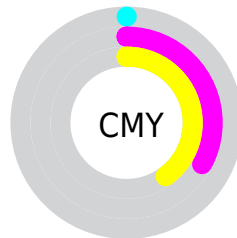


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 36.138, 37.281 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, 36.138, 37.281 by changing the saturation by 10% instead.

 78, 36.138, 37.281

 78, 36.138, 37.281

 100, 36.138,
37.281

 68, 36.138, 37.281

 98, 36.138, 37.281

 58, 36.138, 37.281

 48, 36.138, 37.281

 38, 36.138, 37.281

 28, 36.138, 37.281

 18, 36.138, 37.281

 8, 36.138, 37.281

 0, 36.138, 37.281

 78, 36.138, 37.281

 78, 36.138, 37.281

73, 46.626, 38.013

83, 25.644, 37.063

68, 58.160, 38.867

89, 16.297, 36.881

64, 70.136, 39.984

94, 7.685, 36.815

60, 82.051, 41.246

100, 0.012,
296.813

57, 92.777, 42.260

55, 100.497,
42.429

55, 100.718,
42.443

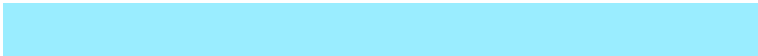
Harmonies

Complementary

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



78, 36.138, 37.281



89, 26.636, 218.730

Rectangle

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



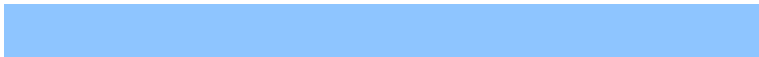
78, 36.138, 37.281



78, 36.138, 87.281



78, 36.138, 217.281



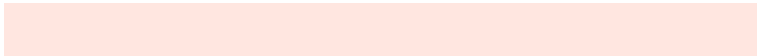
78, 36.138, 267.281

Sweetspot

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



78, 35.758, 37.424



93, 9.623, 36.826



76, 56.131, 331.909



49, 6.418, 36.832



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, 35.758, 37.424



74, 44.753, 37.896



90, 37.498, 85.887



50, 4.512, 36.814



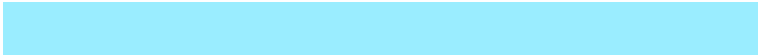
42, 80.694, 42.815



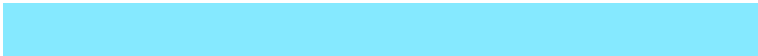
11, 30.300, 35.969

Inverse Universe

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



89, 26.636, 218.730



87, 30.924, 219.541



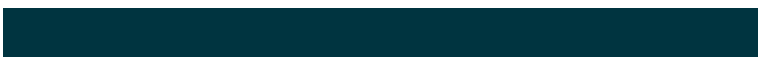
76, 37.233, 277.873



52, 4.246, 217.248



60, 35.124, 230.895



19, 16.136, 226.211

Previews

White Background



This preview shows how the CIELCh color 78, 36.138, 37.281 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 78, 36.138, 37.281 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, 36.138, 37.281

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.138, 37.281.

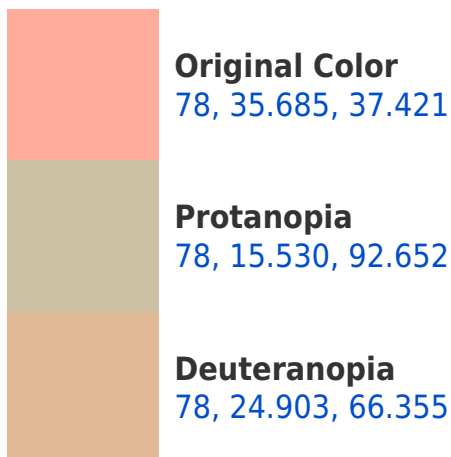


This preview shows how white text looks on a background with the CIELCh color 78, 36.138, 37.281.

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, 35.685, 37.421

Protanomaly
78, 20.103, 61.428

Deuteranomaly
78, 28.054, 52.651

Tritanomaly
78, 33.711, 21.499

Monochromacy



Original Color
78, 35.685, 37.421

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 12.160, 38.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.138, 37.281 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.138, 37.281 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, 154) }
```

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

```
.border{ border-color:rgb(255, 172, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.138, 37.281 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
172, 154) }
```

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