

Converting Colors

CIELCh(78, 32.700, 22.348)

Have a look what the booklet for
CIELCh(78, 32.700, 22.348) contains.

CIELCh(78, 32.938, 22.293)	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, 32.938, 22.293)

Conversions

Conversions Part 1

Format	Color
Hex	FEABAB
RGB	254, 171, 171
RGB Percent	100%, 67%, 67%
CMY	0.0034, 0.3289, 0.3289
CMYK	0.00, 0.33, 0.33, 0.00
HSL	0°, 98%, 83%
HSV	0°, 33%, 100%
XYZ	62.8691, 53.2120, 45.5449
YIQ	195.8170, 49.4680, 17.5960

Conversions

Conversions Part 2

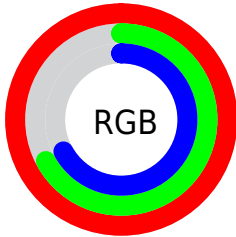
Format	Color
RYB	254, 171, 171
Decimal	16690091
CIELab	78.00, 30.48, 12.49
CIELCh	78, 32.938, 22.293
Yxy	53.2120, 0.3890, 0.3292
Android (android.graphics.Color)	4294880171 (0xFFFEABAB)
YUV	195.8170, -12.2348, 51.0265
Hunter-Lab	72.9466, 26.1840, 14.0443

Details

The CIELCh color **78, 32.938, 22.293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 26.217, 197.805**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.236, 22.930**, and **58, 32.724, 22.236** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.533, 23.832**, and if you desaturate by 10%, it is **84, 22.003, 21.123**.

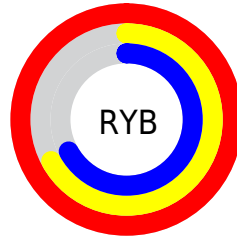
Distribution



Red (100%)

Green (67%)

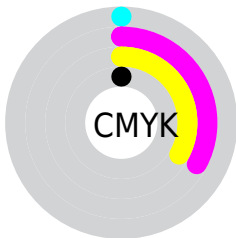
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

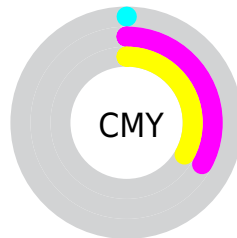


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.938, 22.293 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, 32.938, 22.293 by changing the saturation by 10% instead.

78, 32.938, 22.293

78, 32.938, 22.293

100, 32.938,
22.293

68, 32.938, 22.293

98, 32.938, 22.293

58, 32.938, 22.293

48, 32.938, 22.293

38, 32.938, 22.293

28, 32.938, 22.293

18, 32.938, 22.293

8, 32.938, 22.293

0, 32.938, 22.293

78, 32.938, 22.293

78, 32.938, 22.293

72, 44.533, 23.832

84, 22.003, 21.123

66, 56.604, 25.840

91, 11.818, 20.206

62, 68.835, 28.428

98, 2.390, 19.298

58, 80.784, 31.632

100, 0.301,
201.586

55, 91.779, 35.238

54, 100.399,
38.460

53, 104.304,
40.001

Harmonies

Complementary

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



78, 32.938, 22.293



95, 26.217, 197.805

Rectangle

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



78, 32.938, 22.293



78, 32.938, 72.293



78, 32.938, 202.293



78, 32.938, 252.293

Sweetspot

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



78, 32.936, 22.297



93, 9.258, 19.990



80, 51.920, 326.220



49, 6.352, 20.103



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, 32.936, 22.297



74, 40.327, 23.222



88, 27.407, 71.313



49, 5.253, 19.950



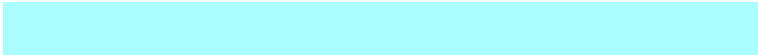
40, 84.228, 40.001



10, 33.366, 27.180

Inverse Universe

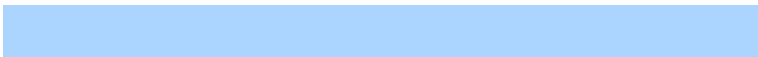
The Inverse Universe completely reimagines the original color for something new.



95, 26.217, 197.805



94, 30.517, 197.547



84, 24.992, 260.747



52, 4.945, 198.970



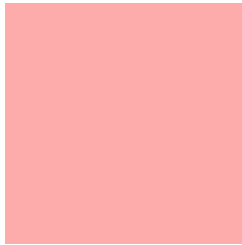
70, 40.360, 196.400



24, 18.568, 196.398

Previews

White Background



This preview shows how the CIELCh color 78, 32.938, 22.293 looks on a white background.

Color Contrast Check

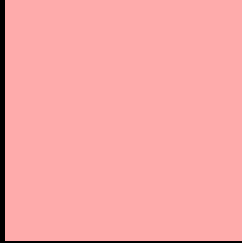
Large Text (above 18pt) WCAG AA × Fail

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, 32.938, 22.293 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, 32.938, 22.293

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.938, 22.293.



This preview shows how white text looks on a background with the CIELCh color 78, 32.938, 22.293.

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

78, 32.938, 22.293

Protanopia

78, 6.272, 88.425

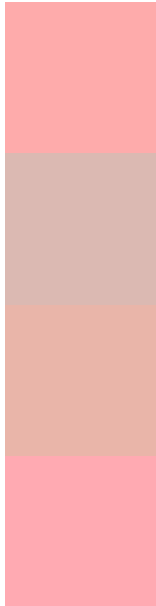
Deuteranopia

78, 16.925, 54.566



Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 32.938, 22.293

Protanomaly
78, 13.708, 36.096

Deuteranomaly
78, 21.713, 37.932

Tritanomaly
78, 33.417, 15.227

Monochromacy



Original Color
78, 32.938, 22.293

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.397, 20.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.938, 22.293 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(254, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 171)  
}
```

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(254, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.938, 22.293 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(254, 171, 171) }
```

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

```
.border{ border-color:rgb(254, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.938, 22.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 171) }
```

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

```
.background{ background-color: rgb(254,  
171, 171) }
```

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