

Converting Colors

CIELCh(78, 30.270, 22.013)

Have a look what the booklet for
CIELCh(78, 30.270, 22.013) contains.

CIELCh(78, 30.435, 22.045)	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, 30.435, 22.045)

Conversions

Conversions Part 1

Format	Color
Hex	FAADAD
RGB	250, 173, 173
RGB Percent	98%, 68%, 68%
CMY	0.0197, 0.3216, 0.3217
CMYK	0.00, 0.31, 0.31, 0.02
HSL	0°, 88%, 83%
HSV	0°, 31%, 98%
XYZ	61.8931, 53.2120, 46.5307
YIQ	196.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

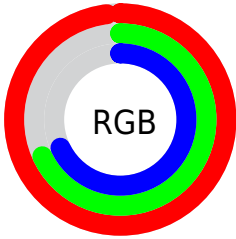
Format	Color
R _Y B	250, 173, 173
Decimal	16428461
CIE Lab	78.00, 28.21, 11.42
CIE LCh	78, 30.435, 22.045
Yxy	53.2120, 0.3829, 0.3292
Android (android.graphics.Color)	4294618541 (0xFFFAADAD)
YUV	196.0230, -11.3503, 47.3378
Hunter-Lab	72.9466, 23.7956, 13.2430

Details

The CIELCh color **78, 30.435, 22.045** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 24.584, 197.885**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.477, 23.095**, and **58, 30.478, 21.855** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.762, 23.507**, and if you desaturate by 10%, it is **84, 19.780, 20.932**.

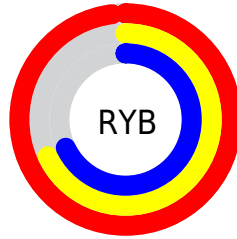
Distribution



Red (98%)

Green (68%)

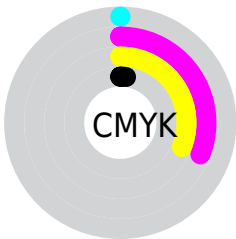
Blue (68%)



Red (98%)

Yellow (68%)

Blue (68%)

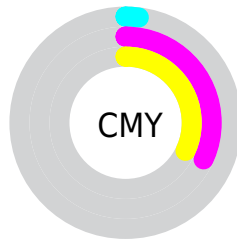


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (2%)



Cyan (2%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.435, 22.045 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, 30.435, 22.045 by changing the saturation by 10% instead.

 78, 30.435, 22.045

 78, 30.435, 22.045

 100, 30.435,
22.045

 68, 30.435, 22.045

 98, 30.435, 22.045

 58, 30.435, 22.045

 48, 30.435, 22.045

 38, 30.435, 22.045

 28, 30.435, 22.045

 18, 30.435, 22.045

 8, 30.435, 22.045

 0, 30.435, 22.045

 78, 30.435, 22.045

 78, 30.435, 22.045

72, 41.762, 23.507

84, 19.780, 20.932

66, 53.604, 25.414

91, 9.872, 20.052

62, 65.673, 27.883

98, 0.706, 18.538

58, 77.558, 30.971

100, 1.745,
199.674

55, 88.662, 34.535

53, 97.794, 37.928

52, 103.008,
40.001

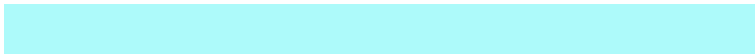
Harmonies

Complementary

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



78, 30.435, 22.045



94, 24.584, 197.885

Rectangle

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



78, 30.435, 22.045



78, 30.435, 72.045



78, 30.435, 202.045



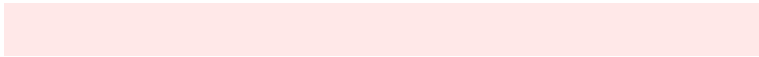
78, 30.435, 252.045

Sweetspot

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



78, 30.433, 22.050



94, 8.300, 19.908



80, 48.366, 326.121



49, 5.801, 20.025



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, 30.433, 22.050



76, 37.996, 22.912



87, 25.385, 71.553



49, 5.167, 19.947



39, 83.391, 40.001



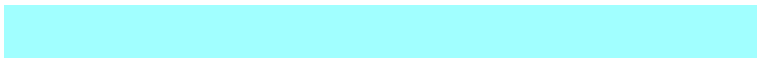
9, 32.194, 26.143

Inverse Universe

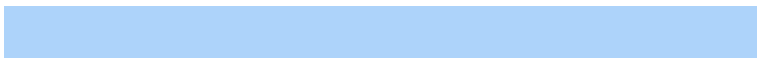
The Inverse Universe completely reimagines the original color for something new.



94, 24.584, 197.885



94, 29.221, 197.624



83, 23.286, 260.352



51, 4.864, 198.970



69, 39.959, 196.397



23, 18.080, 196.395

Previews

White Background



This preview shows how the CIELCh color 78, 30.435, 22.045 looks on a white background.

Color Contrast Check

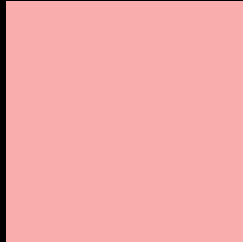
Large Text (above 18pt) WCAG AA × Fail

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, 30.435, 22.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

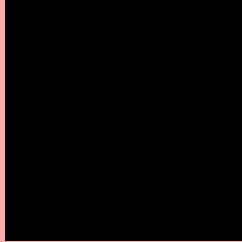
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 30.435, 22.045

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.435, 22.045.



This preview shows how white text looks on a background with the CIELCh color 78, 30.435, 22.045.

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, 30.435, 22.045

Protanopia

78, 5.463, 80.806

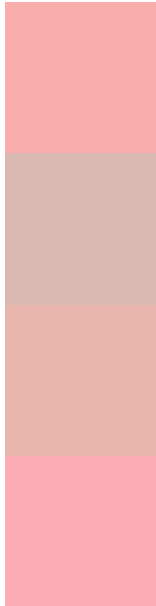
Deuteranopia

78, 15.633, 50.851



Tritanopia
78, 31.526, 9.760

Trichromacy



Original Color
78, 30.435, 22.045

Protanomaly
78, 13.157, 34.359

Deuteranomaly
78, 20.358, 34.440

Tritanomaly
78, 30.982, 14.394

Monochromacy



Original Color
78, 30.435, 22.045

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 10.610, 20.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.435, 22.045 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(250, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 173)  
}
```

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(250, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.435, 22.045 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(250, 173, 173) }
```

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

```
.border{ border-color:rgb(250, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.435, 22.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 173) }
```

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

```
.background{ background-color: rgb(250,  
173, 173) }
```

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