

Converting Colors

CIELCh(78, 31.223, 8.619)

Have a look what the booklet for
CIELCh(78, 31.223, 8.619) contains.

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Color

CIELCh(78, 31.198, 8.598)

Conversions

Conversions Part 1

Format	Color
Hex	FAABB9
RGB	250, 171, 185
RGB Percent	98%, 67%, 73%
CMY	0.0178, 0.3278, 0.2729
CMYK	0.00, 0.32, 0.26, 0.02
HSL	349°, 90%, 83%
HSV	349°, 32%, 98%
XYZ	63.0300, 53.2120, 53.0792
YIQ	196.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

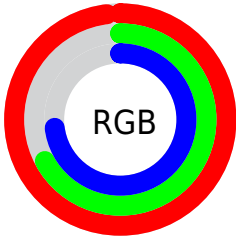
Format	Color
R_{YB}	250, 171, 185
Decimal	16427961
CIE _{Lab}	78.00, 30.85, 4.66
CIE _{LCh}	78, 31.198, 8.598
Yxy	53.2120, 0.3723, 0.3143
Android (android.graphics.Color)	4294618041 (0xFFFAABB9)
YUV	196.2170, -5.5300, 47.1677
Hunter-Lab	72.9466, 26.5776, 7.9205

Details

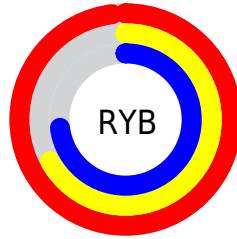
The CIELCh color **78, 31.198, 8.598** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 27.038, 182.123**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 12.349, 344.546**, and **58, 31.148, 8.725** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.882, 10.301**, and if you desaturate by 10%, it is **84, 20.802, 7.217**.

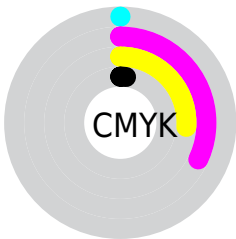
Distribution



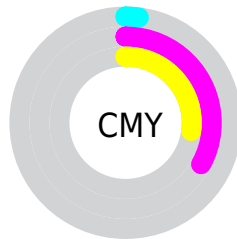
- Red (98%)
- Green (67%)
- Blue (73%)



- Red (98%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 31.198, 8.598 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, 31.198, 8.598 by changing the saturation by 10% instead.


 78, 31.198, 8.598


 78, 31.198, 8.598


 100, 31.198, 8.598


 68, 31.198, 8.598

 98, 31.198, 8.598

 58, 31.198, 8.598


 48, 31.198, 8.598


 38, 31.198, 8.598


 28, 31.198, 8.598

 18, 31.198, 8.598

 8, 31.198, 8.598

 0, 31.198, 8.598

 78, 31.198, 8.598

 78, 31.198, 8.598

72, 41.882, 10.301

84, 20.802, 7.217

67, 52.602, 12.430

91, 10.854, 6.053

62, 62.991, 15.128

97, 1.423, 4.723

58, 72.635, 18.551

100, 1.578,
199.725

55, 81.202, 22.803

53, 88.579, 27.806

53, 94.038, 32.188

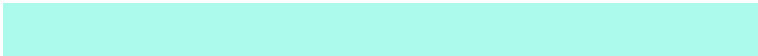
Harmonies

Complementary

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



78, 31.198, 8.598



93, 27.038, 182.123

Rectangle

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



78, 31.198, 8.598



78, 31.198, 58.598



78, 31.198, 188.598



78, 31.198, 238.598

Sweetspot

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



78, 31.195, 8.602



94, 8.517, 5.778



78, 47.429, 320.730



49, 5.943, 5.935



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, 31.195, 8.602



75, 38.625, 9.661



83, 25.465, 51.505



49, 5.299, 5.830



39, 75.297, 31.207



9, 31.104, 18.839

Inverse Universe

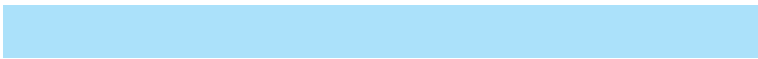
The Inverse Universe completely reimagines the original color for something new.



78, 31.195, 8.602



75, 38.625, 9.661



87, 21.123, 237.116



49, 5.299, 5.830



39, 75.297, 31.207



9, 31.104, 18.839

Previews

White Background



This preview shows how the CIELCh color 78, 31.198, 8.598 looks on a white background.

Color Contrast Check

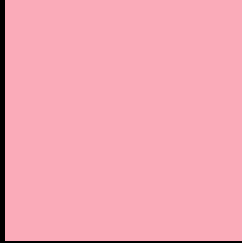
Large Text (above 18pt) WCAG AA × Fail

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, 31.198, 8.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

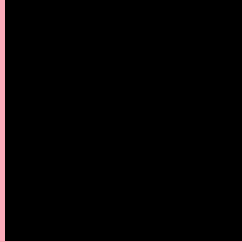
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 31.198, 8.598

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.198, 8.598.



This preview shows how white text looks on a background with the CIELCh color 78, 31.198, 8.598.

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, 31.198, 8.598

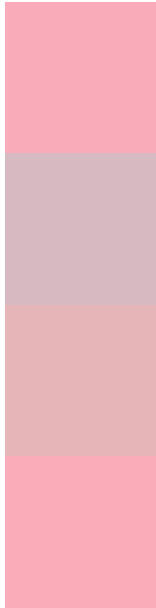
Protanopia
78, 2.914, 312.536

Deuteranopia
78, 11.306, 31.047



Tritanopia
78, 30.729, 9.339

Trichromacy



Original Color
78, 31.198, 8.598

Protanomaly
78, 12.032, 359.646

Deuteranomaly
78, 18.512, 16.035

Tritanomaly
78, 30.729, 9.339

Monochromacy



Original Color
78, 31.198, 8.598

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.843, 6.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.198, 8.598 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, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(250, 171, 185)  
}
```

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, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 171, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.198, 8.598 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, 171, 185) }
```

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

```
.border{ border-color:rgb(250, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(250, 171,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.198, 8.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 171, 185) }
```

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

```
.background{ background-color: rgb(250,  
171, 185) }
```

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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