

Converting Colors

CIELCh(78, 30.036, 11.169)

Have a look what the booklet for
CIELCh(78, 30.036, 11.169) contains.

CIELCh(78, 30.257, 11.116)	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, 30.257, 11.116)

Conversions

Conversions Part 1

Format	Color
Hex	F9ACB7
RGB	249, 172, 183
RGB Percent	98%, 67%, 72%
CMY	0.0225, 0.3245, 0.2814
CMYK	0.00, 0.31, 0.26, 0.02
HSL	351°, 87%, 83%
HSV	351°, 31%, 98%
XYZ	62.5291, 53.2120, 51.9050
YIQ	196.2770, 42.3610, 19.7450

Conversions

Conversions Part 2

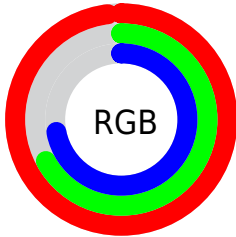
Format	Color
R _Y B	249, 172, 183
Decimal	16362679
CIE Lab	78.00, 29.69, 5.83
CIE LCh	78, 30.257, 11.116
Yxy	53.2120, 0.3730, 0.3174
Android (android.graphics.Color)	4294552759 (0xFFF9ACB7)
YUV	196.2770, -6.5456, 46.2381
Hunter-Lab	72.9466, 25.3520, 8.8749

Details

The CIELCh color **78, 30.257, 11.116** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.932, 185.045**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 11.221, 349.888**, and **58, 30.190, 11.345** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.966, 12.787**, and if you desaturate by 10%, it is **84, 19.917, 9.771**.

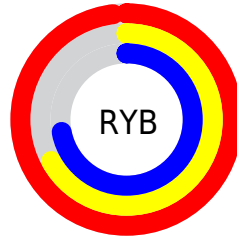
Distribution



Red (98%)

Green (67%)

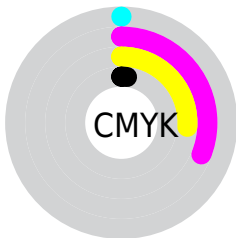
Blue (72%)



Red (98%)

Yellow (67%)

Blue (72%)

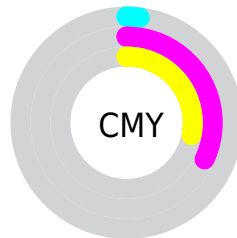


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (2%)



Cyan (2%)

Magenta (32%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.257, 11.116 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, 30.257, 11.116 by changing the saturation by 10% instead.

 78, 30.257, 11.116

 78, 30.257, 11.116

 100, 30.257,
11.116

 68, 30.257, 11.116

 98, 30.257, 11.116

 58, 30.257, 11.116

 48, 30.257, 11.116

 38, 30.257, 11.116

 28, 30.257, 11.116

 18, 30.257, 11.116

 8, 30.257, 11.116

 0, 30.257, 11.116

 78, 30.257, 11.116

 78, 30.257, 11.116

72, 40.966, 12.787

84, 19.917, 9.771

67, 51.819, 14.887

91, 10.084, 8.643

62, 62.474, 17.557

97, 0.808, 7.021

58, 72.534, 20.940

100, 1.992,
199.612

55, 81.656, 25.118

53, 89.640, 29.957

52, 95.859, 34.372

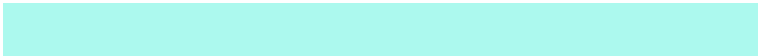
Harmonies

Complementary

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



78, 30.257, 11.116



93, 25.932, 185.045

Rectangle

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



78, 30.257, 11.116



78, 30.257, 61.116



78, 30.257, 191.116



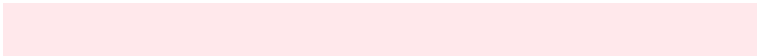
78, 30.257, 241.116

Sweetspot

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



78, 30.254, 11.120



94, 8.435, 8.445



79, 46.620, 321.714



49, 5.887, 8.598



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, 30.254, 11.120



76, 37.448, 12.101



84, 24.655, 55.221



49, 5.249, 8.496



39, 77.034, 33.486



9, 31.278, 20.301

Inverse Universe

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



78, 30.254, 11.120



76, 37.448, 12.101



86, 20.855, 241.599



49, 5.249, 8.496



39, 77.034, 33.486



9, 31.278, 20.301

Previews

White Background



This preview shows how the CIELCh color 78, 30.257, 11.116 looks on a white background.

Color Contrast Check

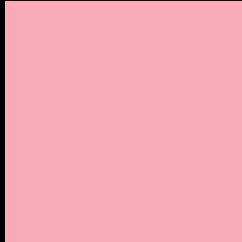
Large Text (above 18pt) WCAG AA × Fail

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, 30.257, 11.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

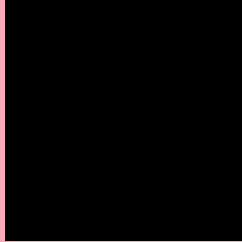
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 30.257, 11.116

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.257, 11.116.



This preview shows how white text looks on a background with the CIELCh color 78, 30.257, 11.116.

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, 30.257, 11.116

Protanopia

78, 1.836, 343.598

Deuteranopia

78, 11.982, 35.648



Tritanopia
78, 30.347, 9.132

Trichromacy



Original Color
78, 30.257, 11.116

Protanomaly
78, 11.621, 7.105

Deuteranomaly
78, 18.151, 20.891

Tritanomaly
78, 30.297, 10.122

Monochromacy



Original Color
78, 30.257, 11.116

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 10.743, 8.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.257, 11.116 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(249, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 172, 183)  
}
```

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(249, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 172, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.257, 11.116 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(249, 172, 183) }
```

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

```
.border{ border-color:rgb(249, 172, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 172,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.257, 11.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 172, 183) }
```

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

```
.background{ background-color: rgb(249,  
172, 183) }
```

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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