

Converting Colors

CIELCh(79, 28.762, 8.864)

Have a look what the booklet for
CIELCh(79, 28.762, 8.864) contains.

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Color

CIELCh(79, 28.644, 9.233)

Conversions

Conversions Part 1

Format	Color
Hex	F9B0BC
RGB	249, 176, 188
RGB Percent	98%, 69%, 74%
CMY	0.0228, 0.3091, 0.2621
CMYK	0.00, 0.29, 0.24, 0.02
HSL	350°, 86%, 83%
HSV	350°, 29%, 98%
XYZ	63.7858, 54.9284, 54.9131
YIQ	199.1950, 39.6560, 19.2080

Conversions

Conversions Part 2

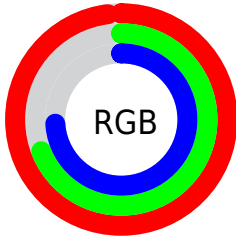
Format	Color
R _Y B	249, 176, 188
Decimal	16363708
CIE Lab	79.00, 28.27, 4.60
CIE LCh	79, 28.644, 9.233
Yxy	54.9284, 0.3674, 0.3164
Android (android.graphics.Color)	4294553788 (0xFFF9B0BC)
YUV	199.1950, -5.5191, 43.6790
Hunter-Lab	74.1137, 23.9266, 7.9498

Details

The CIELCh color **79, 28.644, 9.233** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 24.978, 183.396**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 10.269, 343.197**, and **59, 28.450, 9.197** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.258, 10.854**, and if you desaturate by 10%, it is **85, 18.384, 7.916**.

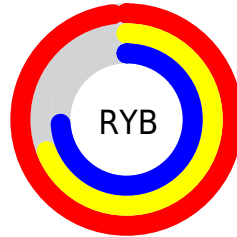
Distribution



Red (98%)

Green (69%)

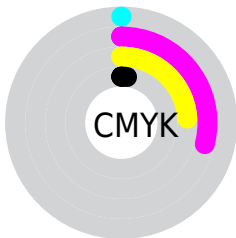
Blue (74%)



Red (98%)

Yellow (69%)

Blue (74%)

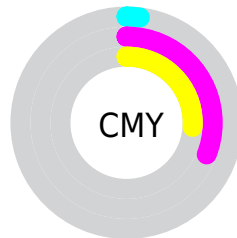


Cyan (0%)

Magenta (29%)

Yellow (24%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 28.644, 9.233 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 79, 28.644, 9.233 by changing the saturation by 10% instead.

 79, 28.644, 9.233  79, 28.644, 9.233

 100, 28.644, 9.233  69, 28.644, 9.233

 99, 28.644, 9.233  59, 28.644, 9.233

 49, 28.644, 9.233

 39, 28.644, 9.233

 29, 28.644, 9.233

 19, 28.644, 9.233

 9, 28.644, 9.233

 0, 28.644, 9.233

 79, 28.644, 9.233  79, 28.644, 9.233

73, 39.258, 10.854

85, 18.384, 7.916

67, 50.008, 12.876

92, 8.611, 6.796

63, 60.556, 15.439

98, 0.626, 186.935

58, 70.499, 18.693

100, 2.018,
199.606

55, 79.475, 22.754

53, 87.302, 27.581

52, 94.019, 32.700

52, 94.474, 33.026

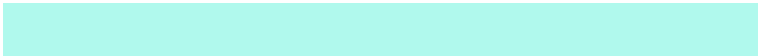
Harmonies

Complementary

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



79, 28.644, 9.233



93, 24.978, 183.396

Rectangle

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



79, 28.644, 9.233



79, 28.644, 59.233



79, 28.644, 189.233



79, 28.644, 239.233

Sweetspot

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



79, 28.641, 9.237



94, 8.485, 6.765



80, 44.021, 321.137



49, 5.921, 6.921



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 28.641, 9.237



77, 35.320, 10.123



84, 23.277, 53.480



49, 5.279, 6.817



39, 75.942, 32.087



9, 31.167, 19.393

Inverse Universe

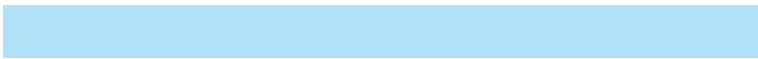
The Inverse Universe completely reimagines the original color for something new.



79, 28.641, 9.237



77, 35.320, 10.123



87, 19.739, 239.064



49, 5.279, 6.817



39, 75.942, 32.087



9, 31.167, 19.393

Previews

White Background



This preview shows how the CIELCh color 79, 28.644, 9.233 looks on a white background.

Color Contrast Check

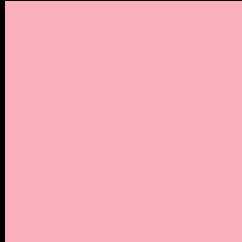
Large Text (above 18pt) WCAG AA × Fail

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 79, 28.644, 9.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

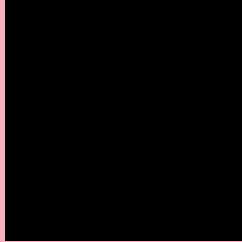
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 28.644, 9.233

Background



This preview shows how black text looks on a background with the CIELCh color 79, 28.644, 9.233.



This preview shows how white text looks on a background with the CIELCh color 79, 28.644, 9.233.

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

79, 28.644, 9.233

Protanopia

79, 2.610, 324.453

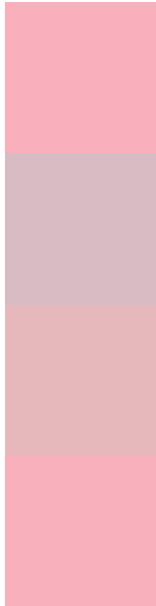
Deuteranopia

79, 11.555, 28.158



Tritanopia
79, 28.706, 8.191

Trichromacy



Original Color
79, 28.644, 9.233

Protanomaly
79, 11.476, 1.415

Deuteranomaly
79, 17.669, 15.716

Tritanomaly
79, 28.706, 8.191

Monochromacy



Original Color
79, 28.644, 9.233

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.964, 7.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 28.644, 9.233 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, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 176, 188)  
}
```

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, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 176, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 28.644, 9.233 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, 176, 188) }
```

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

```
.border{ border-color:rgb(249, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 176, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 176, 188); box-shadow:4px 4px 4px 4px rgb(249, 176, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 28.644, 9.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 176, 188) }
```

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

```
.background{ background-color: rgb(249,  
176, 188) }
```

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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