

Converting Colors

CIELCh(89, 17.917, 352.214)

Have a look what the booklet for
CIELCh(89, 17.917, 352.214)
contains.

CIELCh(89, 17.910, 351.298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(89, 17.910, 351.298)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E5
RGB	255, 212, 229
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1678, 0.1011
CMYK	0.00, 0.17, 0.10, 0.00
HSL	336°, 100%, 92%
HSV	336°, 17%, 100%
XYZ	79.0908, 74.1641, 84.4327
YIQ	226.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

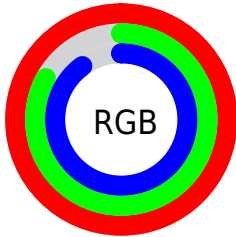
Format	Color
R_{YB}	255, 212, 229
Decimal	16766181
CIE _{Lab}	89.00, 17.70, -2.71
CIE _{LCh}	89, 17.910, 351.298
Yxy	74.1641, 0.3328, 0.3120
Android (android.graphics.Color)	4294956261 (0xFFFFD4E5)
YUV	226.7950, 1.0871, 24.7358
Hunter-Lab	86.1186, 13.2257, 2.1537

Details

The CIELCh color **89, 17.910, 351.298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 17.248, 168.044**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 18.190, 350.481** is the 20% darker color. If you saturate the color by 10%, you get **83, 28.811, 352.320**, and if you desaturate by 10%, it is **96, 7.096, 350.119**.

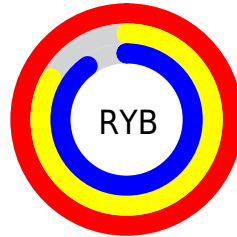
Distribution



Red (100%)

Green (83%)

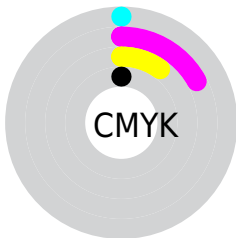
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

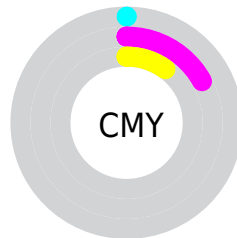


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 17.910, 351.298 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 89, 17.910, 351.298 by changing the saturation by 10% instead.

 89, 17.910,
351.298

 89, 17.910,
351.298

 100, 17.910,
351.298

 79, 17.910,
351.298

 69, 17.910,
351.298

 59, 17.910,
351.298

 49, 17.910,
351.298

 39, 17.910,
351.298

 29, 17.910,
351.298

 19, 17.910,

351.298

■ 9, 17.910, 351.298

■ 0, 17.910, 351.298

■ 89, 17.910,
351.298

■ 89, 17.910,
351.298

■ 83, 28.811,
352.320

■ 96, 7.096, 350.119

■ 77, 39.824,
353.657

100, 0.012,
296.813

■ 71, 50.567,
355.247

■ 66, 60.600,
357.184

■ 62, 69.385,

359.600

■ 58, 76.387, 2.664

■ 56, 81.289, 6.562

■ 55, 84.252, 11.409

■ 54, 85.057, 13.086

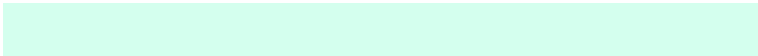
Harmonies

Complementary

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



89, 17.910, 351.298



97, 17.248, 168.044

Rectangle

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



89, 17.910, 351.298



89, 17.910, 41.298



89, 17.910, 171.298



89, 17.910, 221.298

Sweetspot

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



89, 17.837, 351.164



97, 5.221, 349.927



88, 24.130, 313.203



51, 3.566, 350.005



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

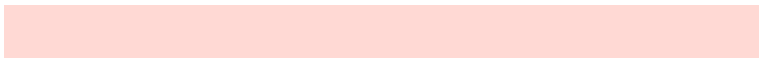
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 17.837, 351.164



87, 21.355, 351.520



90, 14.555, 29.092



50, 5.978, 350.401



41, 68.360, 12.070



10, 31.297, 5.018

Inverse Universe

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



89, 17.837, 351.164



87, 21.355, 351.520



96, 12.991, 208.419



50, 5.978, 350.401



41, 68.360, 12.070



10, 31.297, 5.018

Previews

White Background



This preview shows how the CIELCh color 89, 17.910, 351.298 looks on a white background.

Color Contrast Check

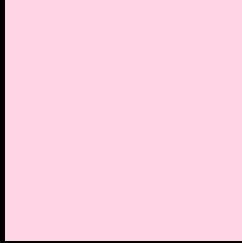
Large Text (above 18pt) WCAG AA × Fail

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 89, 17.910, 351.298 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 89, 17.910, 351.298

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.910, 351.298.

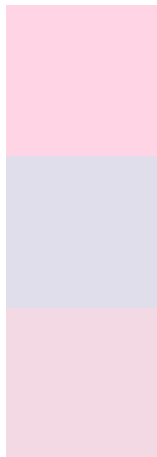


This preview shows how white text looks on a background with the CIELCh color 89, 17.910, 351.298.

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
89, 17.910, 351.298

Protanopia
89, 6.828, 296.628

Deuteranopia
89, 11.010, 348.941



Tritanopia
89, 17.910, 351.298

Trichromacy



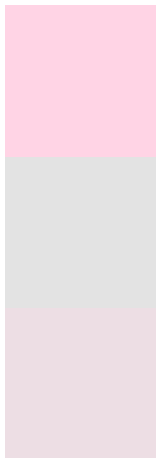
Original Color
89, 17.910, 351.298

Protanomaly
89, 9.934, 328.205

Deuteranomaly
89, 13.417, 350.201

Tritanomaly
89, 17.910, 351.298

Monochromacy



Original Color
89, 17.910, 351.298

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.250, 349.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.910, 351.298 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(255, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 229)  
}
```

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(255, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.910, 351.298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

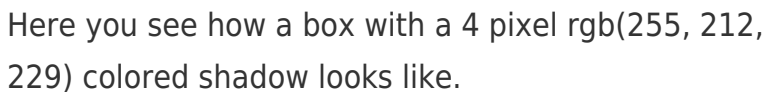
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 212, 229) }
```

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

```
.border{ border-color:rgb(255, 212, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 212, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 212, 229); box-shadow:4px 4px 4px 4px rgb(255, 212, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.910, 351.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 229) }
```

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

```
.background{ background-color: rgb(255,  
212, 229) }
```

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