

Converting Colors

CIELCh(90, 23.272, 359.334)

Have a look what the booklet for
CIELCh(90, 23.272, 359.334)
contains.

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Color

CIELCh(89, 18.244, 351.911)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E5
RGB	255, 212, 229
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1688, 0.1021
CMYK	0.00, 0.17, 0.10, 0.00
HSL	336°, 100%, 92%
HSV	336°, 17%, 100%
XYZ	79.2718, 74.1641, 84.2364
YIQ	226.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

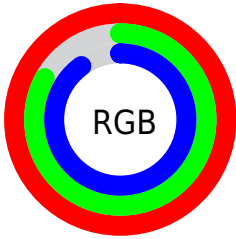
Format	Color
R _Y B	255, 212, 229
Decimal	16766181
CIE Lab	89.00, 18.06, -2.57
CIE LCh	89, 18.244, 351.911
Yxy	74.1641, 0.3335, 0.3120
Android (android.graphics.Color)	4294956261 (0xFFFFD4E5)
YUV	226.7950, 1.0871, 24.7358
Hunter-Lab	86.1186, 13.6010, 2.2889

Details

The CIELCh color **89, 18.244, 351.911** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 17.325, 168.171**, 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, 28.891, 352.477**, and if you desaturate by 10%, it is **95, 7.195, 350.270**.

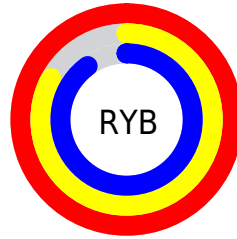
Distribution



Red (100%)

Green (83%)

Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

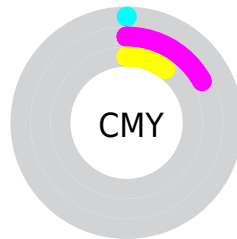


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 18.244, 351.911 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, 18.244, 351.911 by changing the saturation by 10% instead.


 89, 18.244,
351.911


 89, 18.244,
351.911


 100, 18.244,
351.911


 79, 18.244,
351.911

 69, 18.244,
351.911

 59, 18.244,
351.911

 49, 18.244,
351.911

 39, 18.244,
351.911

 29, 18.244,
351.911

 19, 18.244,

351.911

■ 9, 18.244, 351.911

■ 0, 18.244, 351.911

■ 89, 18.244,
351.911

■ 89, 18.244,
351.911

■ 83, 28.891,
352.477

■ 95, 7.195, 350.270

■ 77, 39.895,
353.820

100, 0.012,
296.813

■ 71, 50.629,
355.418

■ 66, 60.653,
357.366

■ 62, 69.428,

359.798

■ 58, 76.423, 2.883

■ 56, 81.327, 6.806

■ 55, 84.308, 11.680

■ 54, 85.102, 13.307

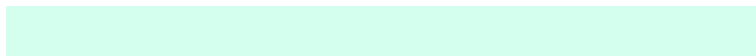
Harmonies

Complementary

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



89, 18.244, 351.911



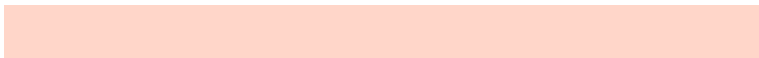
97, 17.325, 168.171

Rectangle

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



89, 18.244, 351.911



89, 18.244, 41.911



89, 18.244, 171.911



89, 18.244, 221.911

Sweetspot

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



89, 17.926, 351.317



97, 5.213, 350.067



88, 24.281, 313.208



51, 3.561, 350.144



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

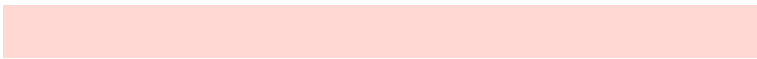
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 17.926, 351.317



87, 21.329, 351.663



90, 14.650, 29.097



50, 5.970, 350.542



41, 68.390, 12.288



10, 31.293, 5.210

Inverse Universe

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



89, 17.926, 351.317



87, 21.329, 351.663



96, 13.067, 208.418



50, 5.970, 350.542



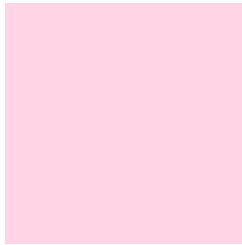
41, 68.390, 12.288



10, 31.293, 5.210

Previews

White Background



This preview shows how the CIELCh color 89, 18.244, 351.911 looks on a white background.

Color Contrast Check

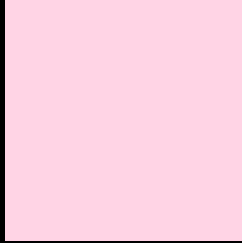
Large Text (above 18pt) WCAG AA × Fail

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, 18.244, 351.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

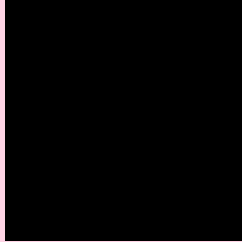
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 18.244, 351.911

Background



This preview shows how black text looks on a background with the CIELCh color 89, 18.244, 351.911.

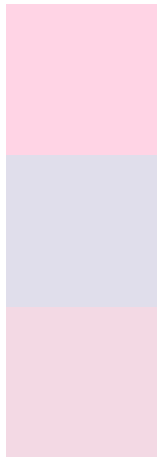


This preview shows how white text looks on a background with the CIELCh color 89, 18.244, 351.911.

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



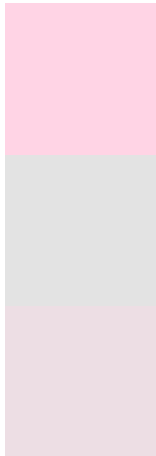
Original Color
89, 17.910, 351.298

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, 18.244, 351.911 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, 18.244, 351.911 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, 18.244, 351.911 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](#).

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