

Converting Colors

CIELCh(91, 23.035, 15.226)

Have a look what the booklet for
CIELCh(91, 23.035, 15.226) contains.

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Color

CIELCh(89, 15.334, 10.833)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6DB
RGB	255, 214, 219
RGB Percent	100%, 84%, 86%
CMY	0.0016, 0.1623, 0.1428
CMYK	0.00, 0.16, 0.14, 0.00
HSL	353°, 98%, 92%
HSV	353°, 16%, 100%
XYZ	77.7647, 74.1641, 76.9566
YIQ	226.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

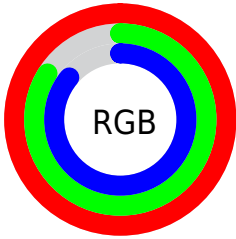
Format	Color
R _Y B	255, 214, 219
Decimal	16766683
CIE Lab	89.00, 15.06, 2.88
CIE LCh	89, 15.334, 10.833
Yxy	74.1641, 0.3398, 0.3240
Android (android.graphics.Color)	4294956763 (0xFFFFD6DB)
YUV	226.8290, -3.8597, 24.7060
Hunter-Lab	86.1186, 10.4772, 7.3008

Details

The CIELCh color **89, 15.334, 10.833** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.144, 188.107**, 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, 15.469, 10.724** is the 20% darker color. If you saturate the color by 10%, you get **82, 25.615, 12.053**, and if you desaturate by 10%, it is **96, 5.627, 9.787**.

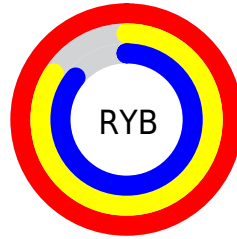
Distribution



Red (100%)

Green (84%)

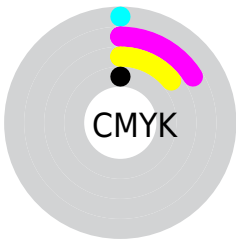
Blue (86%)



Red (100%)

Yellow (84%)

Blue (86%)

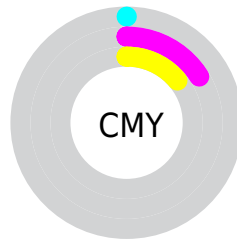


Cyan (0%)

Magenta (16%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.334, 10.833 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, 15.334, 10.833 by changing the saturation by 10% instead.

 89, 15.334, 10.833

 89, 15.334, 10.833

 100, 15.334,
10.833

 79, 15.334, 10.833

 69, 15.334, 10.833

 59, 15.334, 10.833

 49, 15.334, 10.833

 39, 15.334, 10.833

 29, 15.334, 10.833

 19, 15.334, 10.833

 9, 15.334, 10.833

 0, 15.334, 10.833

89, 15.334, 10.833

89, 15.334, 10.833

82, 25.615, 12.053

96, 5.627, 9.787

76, 36.393, 13.543

100, 0.144,
203.995

70, 47.491, 15.414

65, 58.623, 17.793

61, 69.414, 20.823

57, 79.470, 24.612

55, 88.486, 29.118

54, 96.159, 33.931

53, 98.774, 35.609

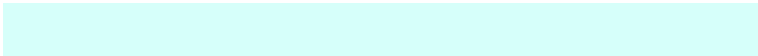
Harmonies

Complementary

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



89, 15.334, 10.833



97, 14.144, 188.107

Rectangle

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



89, 15.334, 10.833



89, 15.334, 60.833



89, 15.334, 190.833



89, 15.334, 240.833

Sweetspot

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



89, 15.332, 10.840



97, 4.605, 9.665



90, 24.706, 321.519



51, 3.149, 9.744



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

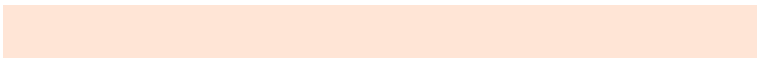
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 15.332, 10.840



87, 18.284, 11.170



93, 12.398, 58.313



50, 5.311, 10.143



40, 78.907, 34.778



10, 32.455, 22.203

Inverse Universe

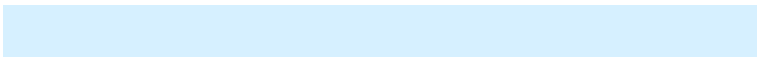
The Inverse Universe completely reimagines the original color for something new.



89, 15.332, 10.840



87, 18.284, 11.170



93, 11.479, 241.638



50, 5.311, 10.143



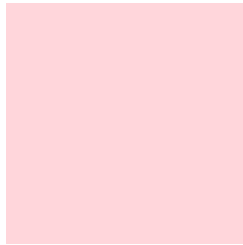
40, 78.907, 34.778



10, 32.455, 22.203

Previews

White Background



This preview shows how the CIELCh color 89, 15.334, 10.833 looks on a white background.

Color Contrast Check

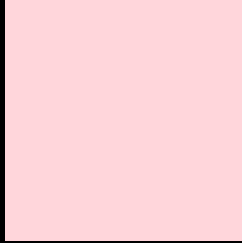
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 15.334, 10.833 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

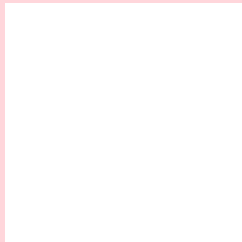
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.334, 10.833

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.334, 10.833.

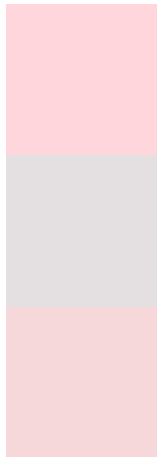


This preview shows how white text looks on a background with the CIELCh color 89, 15.334, 10.833.

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, 15.334, 10.833

Protanopia

89, 1.878, 3.148

Deuteranopia

89, 11.448, 15.016



Tritanopia
89, 17.680, 352.784

Trichromacy



Original Color
89, 15.334, 10.833

Protanomaly
89, 6.624, 10.796

Deuteranomaly
89, 12.986, 13.470

Tritanomaly
89, 16.538, 358.593

Monochromacy



Original Color
89, 15.334, 10.833

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 5.536, 8.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.334, 10.833 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, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 219)  
}
```

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, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.334, 10.833 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, 214, 219) }
```

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

```
.border{ border-color:rgb(255, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 214, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 214, 219); box-shadow:4px 4px 4px 4px rgb(255, 214, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.334, 10.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 219) }
```

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

```
.background{ background-color: rgb(255,  
214, 219) }
```

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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