

Converting Colors

CIELCh(93, 27.152, 19.403)

Have a look what the booklet for
CIELCh(93, 27.152, 19.403) contains.

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Color

CIELCh(90, 14.058, 16.195)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DB
RGB	255, 217, 219
RGB Percent	100%, 85%, 86%
CMY	0.0000, 0.1474, 0.1396
CMYK	0.00, 0.15, 0.14, 0.00
HSL	357°, 100%, 93%
HSV	357°, 15%, 100%
XYZ	79.1446, 76.3034, 77.8480
YIQ	228.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

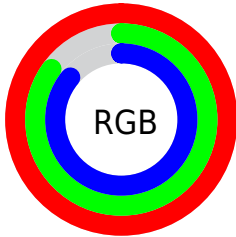
Format	Color
R _Y B	255, 217, 219
Decimal	16767451
CIE Lab	90.00, 13.50, 3.92
CIE LCh	90, 14.058, 16.195
Yxy	76.3034, 0.3392, 0.3271
Android (android.graphics.Color)	4294957531 (0xFFFFD9DB)
YUV	228.5900, -4.7279, 23.1616
Hunter-Lab	87.3518, 8.8633, 8.3069

Details

The CIELCh color **90, 14.058, 16.195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.752, 194.045**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 14.120, 16.266** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.172, 17.224**, and if you desaturate by 10%, it is **97, 4.314, 15.194**.

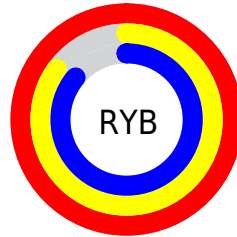
Distribution



Red (100%)

Green (85%)

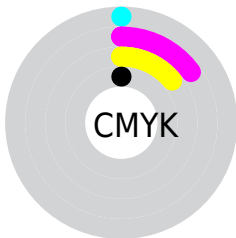
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

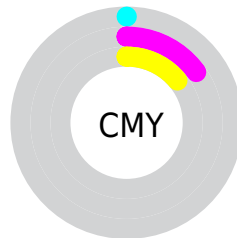


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.058, 16.195 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 90, 14.058, 16.195 by changing the saturation by 10% instead.

 90, 14.058, 16.195

 90, 14.058, 16.195

 100, 14.058,
16.195

 80, 14.058, 16.195

 70, 14.058, 16.195

 60, 14.058, 16.195

 50, 14.058, 16.195

 40, 14.058, 16.195

 30, 14.058, 16.195

 20, 14.058, 16.195

 10, 14.058, 16.195

 0, 14.058, 16.195

90, 14.058, 16.195

90, 14.058, 16.195

83, 24.172, 17.224

97, 4.314, 15.194

77, 35.083, 18.579

100, 0.012,
296.813

71, 46.505, 20.312

66, 58.200, 22.545

61, 69.826, 25.401

58, 80.966, 28.942

55, 91.129, 33.020

54, 99.417, 36.996

53, 102.538,
38.543

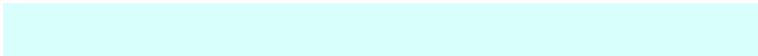
Harmonies

Complementary

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



90, 14.058, 16.195



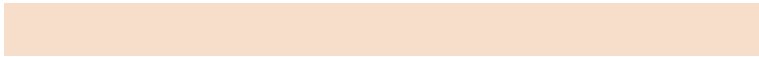
97, 12.752, 194.045

Rectangle

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



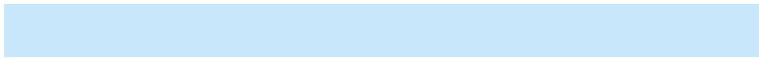
90, 14.058, 16.195



90, 14.058, 66.195



90, 14.058, 196.195



90, 14.058, 246.195

Sweetspot

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



90, 13.901, 16.145



97, 3.628, 15.109



91, 23.082, 323.382



51, 2.585, 15.195



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

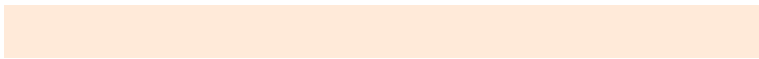
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.901, 16.145



88, 17.171, 16.472



94, 11.499, 66.188



49, 5.259, 15.651



40, 82.005, 37.995



10, 32.941, 25.045

Inverse Universe

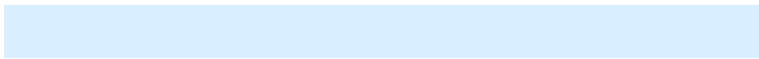
The Inverse Universe completely reimagines the original color for something new.



90, 13.901, 16.145



88, 17.171, 16.472



93, 10.893, 249.793



49, 5.259, 15.651



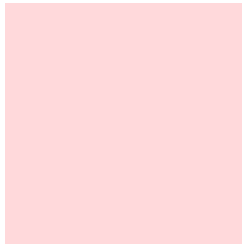
40, 82.005, 37.995



10, 32.941, 25.045

Previews

White Background



This preview shows how the CIELCh color 90, 14.058, 16.195 looks on a white background.

Color Contrast Check

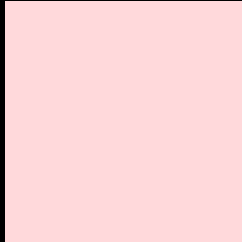
Large Text (above 18pt) WCAG AA × Fail

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 90, 14.058, 16.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

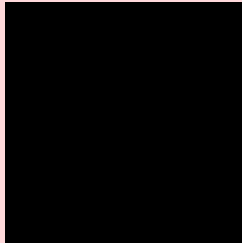
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.058, 16.195

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.058, 16.195.

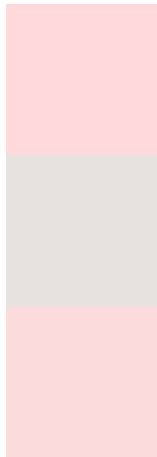


This preview shows how white text looks on a background with the CIELCh color 90, 14.058, 16.195.

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

90, 14.058, 16.195

Protanopia

90, 2.213, 32.813

Deuteranopia

90, 11.782, 20.206



Tritanopia
90, 16.348, 350.200

Trichromacy



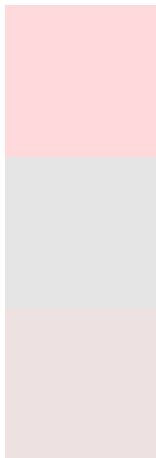
Original Color
90, 14.058, 16.195

Protanomaly
90, 6.545, 19.780

Deuteranomaly
90, 12.535, 17.915

Tritanomaly
90, 14.771, 0.021

Monochromacy



Original Color
90, 14.058, 16.195

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.722, 13.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.058, 16.195 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, 217, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.058, 16.195 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, 217, 219) }
```

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

```
.border{ border-color:rgb(255, 217, 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, 217, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.058, 16.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 219) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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