

Converting Colors

CIELCh(94, 30.899, 18.270)

Have a look what the booklet for
CIELCh(94, 30.899, 18.270) contains.

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Color

CIECh(90, 14.081, 14.101)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9DC
RGB	255, 217, 220
RGB Percent	100%, 85%, 86%
CMY	0.0000, 0.1477, 0.1360
CMYK	0.00, 0.15, 0.14, 0.00
HSL	355°, 100%, 93%
HSV	355°, 15%, 100%
XYZ	79.2236, 76.3034, 78.4901
YIQ	228.7040, 21.6850, 8.9890

Conversions

Conversions Part 2

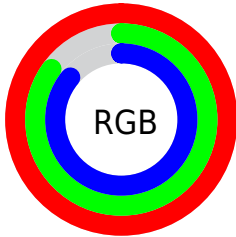
Format	Color
R _Y B	255, 217, 220
Decimal	16767452
CIE _{Lab}	90.00, 13.66, 3.43
CIE _{LCh}	90, 14.081, 14.101
Yxy	76.3034, 0.3385, 0.3261
Android (android.graphics.Color)	4294957532 (0xFFFFD9DC)
YUV	228.7040, -4.2911, 23.0616
Hunter-Lab	87.3518, 9.0248, 7.8711

Details

The CIELCh color **90, 14.081, 14.101** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.859, 191.777**, 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, 14.139, 14.072** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.194, 15.168**, and if you desaturate by 10%, it is **97, 4.354, 13.043**.

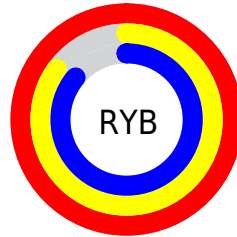
Distribution



Red (100%)

Green (85%)

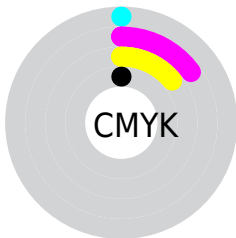
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

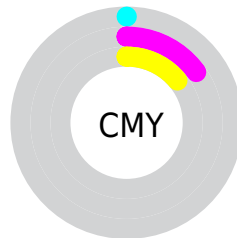


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.081, 14.101 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, 14.081, 14.101 by changing the saturation by 10% instead.

 90, 14.081, 14.101

 90, 14.081, 14.101

 100, 14.081,
14.101

 80, 14.081, 14.101

 70, 14.081, 14.101

 60, 14.081, 14.101

 50, 14.081, 14.101

 40, 14.081, 14.101

 30, 14.081, 14.101

 20, 14.081, 14.101

 10, 14.081, 14.101

 0, 14.081, 14.101

90, 14.081, 14.101

90, 14.081, 14.101

83, 24.194, 15.168

97, 4.354, 13.043

77, 35.027, 16.566

100, 0.012,
296.813

71, 46.307, 18.340

66, 57.787, 20.611

61, 69.113, 23.512

58, 79.884, 27.129

55, 89.695, 31.372

54, 97.933, 35.727

53, 101.304,
37.600

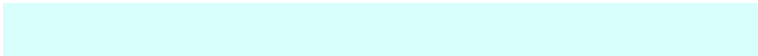
Harmonies

Complementary

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



90, 14.081, 14.101



97, 12.859, 191.777

Rectangle

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



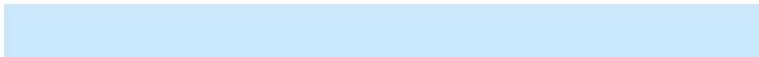
90, 14.081, 14.101



90, 14.081, 64.101



90, 14.081, 194.101



90, 14.081, 244.101

Sweetspot

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



90, 13.952, 14.041



97, 3.641, 12.952



91, 23.012, 322.907



51, 2.594, 13.041



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

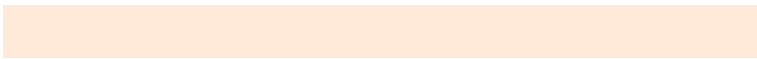
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.952, 14.041



88, 17.190, 14.381



94, 11.456, 64.272



50, 5.273, 13.520



40, 80.917, 36.929



10, 32.745, 23.962

Inverse Universe

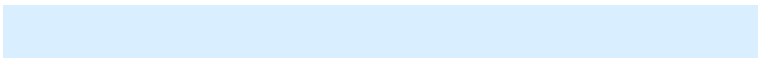
The Inverse Universe completely reimagines the original color for something new.



90, 13.952, 14.041



88, 17.190, 14.381



93, 10.807, 247.765



50, 5.273, 13.520



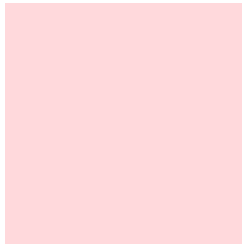
40, 80.917, 36.929



10, 32.745, 23.962

Previews

White Background



This preview shows how the CIELCh color 90, 14.081, 14.101 looks on a white background.

Color Contrast Check

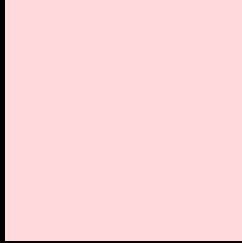
Large Text (above 18pt) WCAG AA × Fail

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 90, 14.081, 14.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

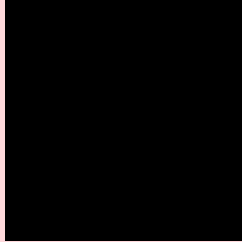
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

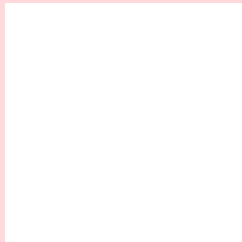
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.081, 14.101

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.081, 14.101.

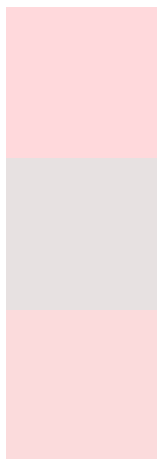


This preview shows how white text looks on a background with the CIELCh color 90, 14.081, 14.101.

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, 14.081, 14.101

Protanopia

90, 2.156, 19.277

Deuteranopia

90, 11.774, 17.701



Tritanopia
90, 16.348, 350.200

Trichromacy



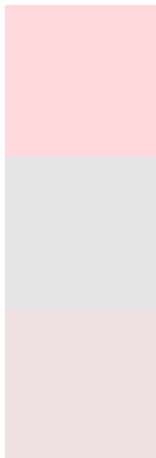
Original Color
90, 14.081, 14.101

Protanomaly
90, 6.558, 15.262

Deuteranomaly
90, 12.546, 15.563

Tritanomaly
90, 15.476, 356.922

Monochromacy



Original Color
90, 14.081, 14.101

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, 14.081, 14.101 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.081, 14.101 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, 220) }
```

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

```
.border{ border-color:rgb(255, 217, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.081, 14.101 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
217, 220) }
```

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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