

Converting Colors

CIELCh(90, 14.997, 0.212)

Have a look what the booklet for
CIELCh(90, 14.997, 0.212) contains.

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Color

CIELCh(90, 14.771, 0.021)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E3
RGB	255, 217, 227
RGB Percent	100%, 85%, 89%
CMY	0.0007, 0.1497, 0.1105
CMYK	0.00, 0.15, 0.11, 0.00
HSL	344°, 99%, 92%
HSV	344°, 15%, 100%
XYZ	79.7878, 76.3034, 83.0740
YIQ	229.5020, 19.4380, 11.1660

Conversions

Conversions Part 2

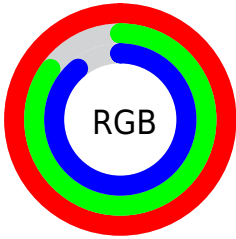
Format	Color
R _Y B	255, 217, 227
Decimal	16767459
CIE Lab	90.00, 14.77, 0.01
CIE LCh	90, 14.771, 0.021
Yxy	76.3034, 0.3336, 0.3190
Android (android.graphics.Color)	4294957539 (0xFFFFD9E3)
YUV	229.5020, -1.2335, 22.3617
Hunter-Lab	87.3518, 10.1776, 4.7598

Details

The CIELCh color **90, 14.771, 0.021** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.062, 177.205**, 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, 14.860, 359.326** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.182, 1.259**, and if you desaturate by 10%, it is **97, 4.754, 358.905**.

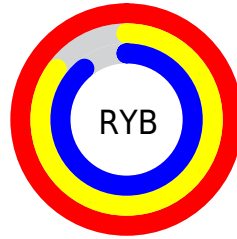
Distribution



Red (100%)

Green (85%)

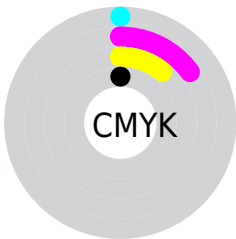
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

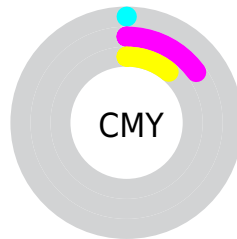


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)













Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.771, 0.021 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, 14.771, 0.021 by changing the saturation by 10% instead.

 90, 14.771, 0.021	 90, 14.771, 0.021
 100, 14.771, 0.021	 80, 14.771, 0.021
	 70, 14.771, 0.021
	 60, 14.771, 0.021
	 50, 14.771, 0.021
	 40, 14.771, 0.021
	 30, 14.771, 0.021
	 20, 14.771, 0.021
	 10, 14.771, 0.021
	 0, 14.771, 0.021

90, 14.771, 0.021

90, 14.771, 0.021

84, 25.182, 1.259

97, 4.754, 358.905

77, 35.864, 2.717

100, 0.060,
210.547

72, 46.586, 4.488

66, 56.996, 6.690

62, 66.647, 9.470

58, 75.080, 13.002

56, 82.013, 17.428

54, 87.540, 22.741

54, 90.105, 25.597

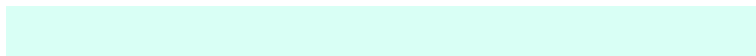
Harmonies

Complementary

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



90, 14.771, 0.021



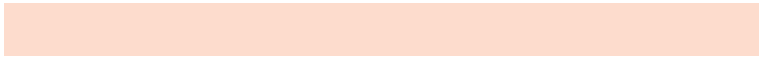
97, 14.062, 177.205

Rectangle

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



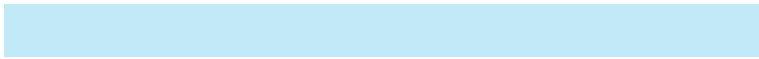
90, 14.771, 0.021



90, 14.771, 50.021



90, 14.771, 180.021



90, 14.771, 230.021

Sweetspot

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



90, 14.768, 0.027



97, 3.870, 358.790



90, 22.075, 317.411



51, 2.754, 358.886



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

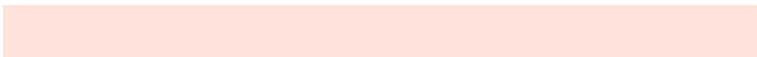
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 14.768, 0.027



88, 17.960, 0.389



92, 11.732, 42.867



50, 5.568, 359.424



40, 72.075, 24.515



10, 31.631, 15.191

Inverse Universe

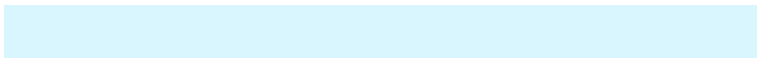
The Inverse Universe completely reimagines the original color for something new.



90, 14.768, 0.027



88, 17.960, 0.389



95, 10.682, 224.207



50, 5.568, 359.424



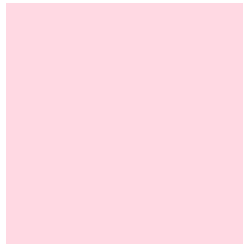
40, 72.075, 24.515



10, 31.631, 15.191

Previews

White Background



This preview shows how the CIELCh color 90, 14.771, 0.021 looks on a white background.

Color Contrast Check

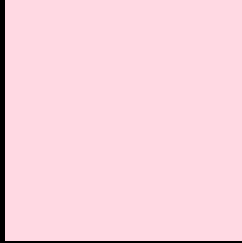
Large Text (above 18pt) WCAG AA × Fail

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, 14.771, 0.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

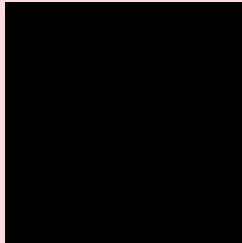
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.771, 0.021

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.771, 0.021.

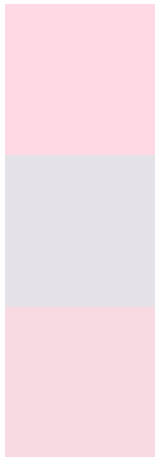


This preview shows how white text looks on a background with the CIELCh color 90, 14.771, 0.021.

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, 14.771, 0.021

Protanopia
90, 3.929, 311.610

Deuteranopia
90, 11.150, 1.240



Tritanopia
90, 16.600, 348.639

Trichromacy



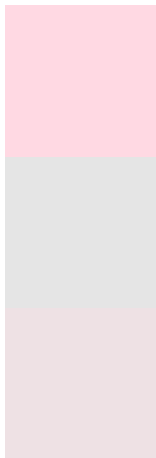
Original Color
90, 14.771, 0.021

Protanomaly
90, 7.112, 344.144

Deuteranomaly
90, 12.359, 0.734

Tritanomaly
90, 16.109, 351.809

Monochromacy



Original Color
90, 14.771, 0.021

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.940, 1.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.771, 0.021 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.771, 0.021 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, 227) }
```

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

```
.border{ border-color:rgb(255, 217, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.771, 0.021 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
217, 227) }
```

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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