

Converting Colors

CIELCh(97, 43.343, 16.077)

Have a look what the booklet for
CIELCh(97, 43.343, 16.077) contains.

CIELCh(90, 15.493, 1.064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(90, 15.493, 1.064)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E2
RGB	255, 216, 226
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1517, 0.1124
CMYK	0.00, 0.15, 0.11, 0.00
HSL	344°, 100%, 92%
HSV	344°, 15%, 100%
XYZ	80.1534, 76.3034, 82.6896
YIQ	228.8010, 20.0340, 11.3780

Conversions

Conversions Part 2

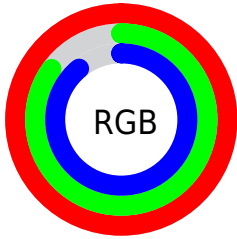
Format	Color
R_{YB}	255, 216, 226
Decimal	16767202
CIE _{Lab}	90.00, 15.49, 0.29
CIE _{LCh}	90, 15.493, 1.064
Yxy	76.3034, 0.3352, 0.3191
Android (android.graphics.Color)	4294957282 (0xFFFFD8E2)
YUV	228.8010, -1.3809, 22.9765
Hunter-Lab	87.3518, 10.9247, 5.0207

Details

The CIELCh color **90, 15.493, 1.064** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.273, 177.501**, 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, 15.241, 359.921** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.432, 1.615**, and if you desaturate by 10%, it is **97, 5.001, 359.256**.

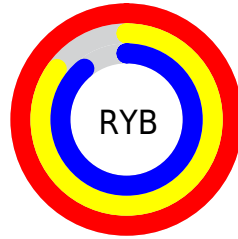
Distribution



Red (100%)

Green (85%)

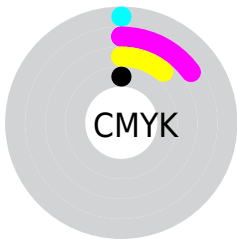
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

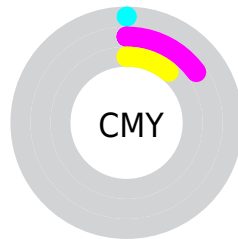


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

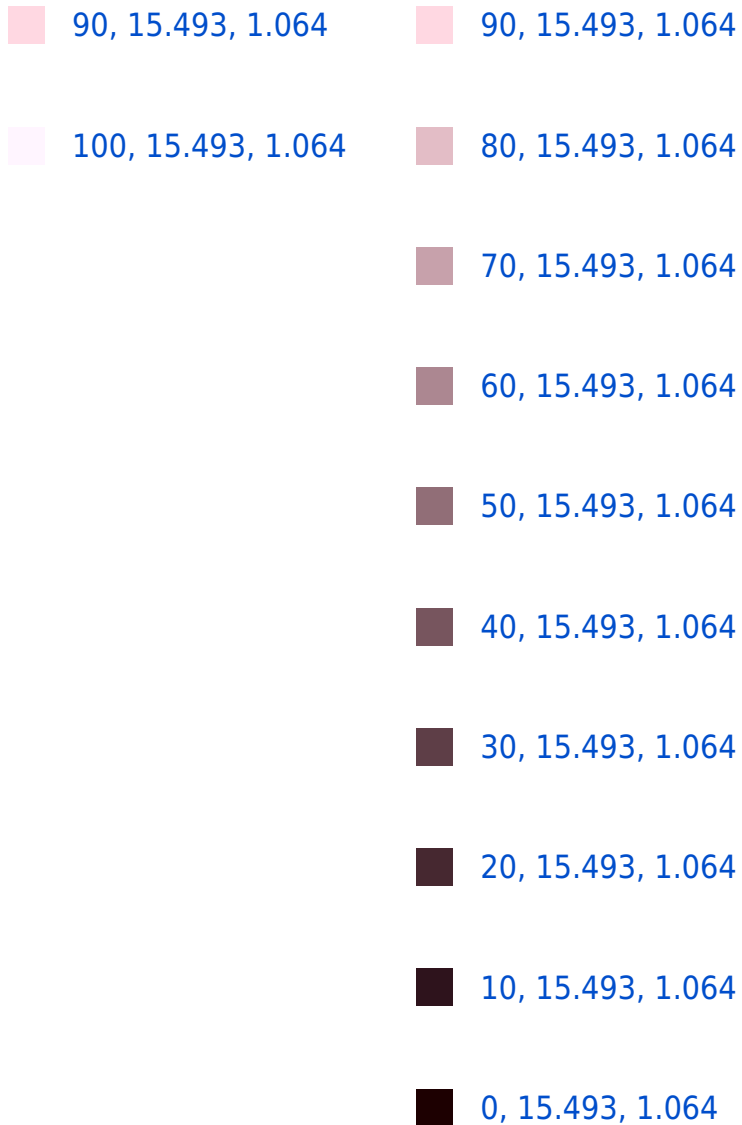
Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 15.493, 1.064 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, 15.493, 1.064 by changing the saturation by 10% instead.



90, 15.493, 1.064

90, 15.493, 1.064

83, 25.432, 1.615

97, 5.001, 359.256

77, 36.120, 3.083

100, 0.012,
296.813

71, 46.848, 4.870

66, 57.266, 7.093

62, 66.926, 9.902

58, 75.374, 13.470

56, 82.336, 17.934

54, 87.917, 23.272

54, 90.396, 25.976

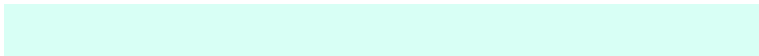
Harmonies

Complementary

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



90, 15.493, 1.064



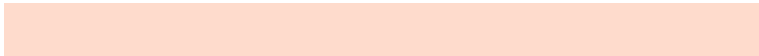
97, 14.273, 177.501

Rectangle

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



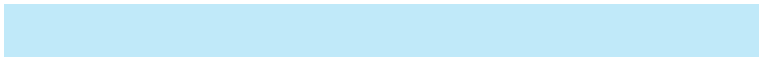
90, 15.493, 1.064



90, 15.493, 51.064



90, 15.493, 181.064



90, 15.493, 231.064

Sweetspot

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



90, 15.015, 0.377



97, 4.837, 359.236



90, 22.476, 317.423



51, 3.305, 359.320



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

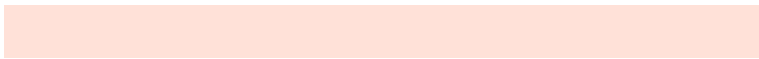
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 15.015, 0.377



88, 17.929, 0.709



92, 11.955, 42.862



50, 5.557, 359.744



40, 72.258, 24.894



10, 31.654, 15.466

Inverse Universe

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



90, 15.015, 0.377



88, 17.929, 0.709



95, 10.866, 224.223



50, 5.557, 359.744



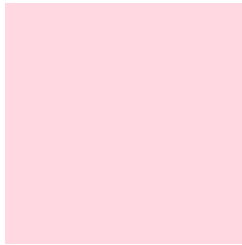
40, 72.258, 24.894



10, 31.654, 15.466

Previews

White Background



This preview shows how the CIELCh color 90, 15.493, 1.064 looks on a white background.

Color Contrast Check

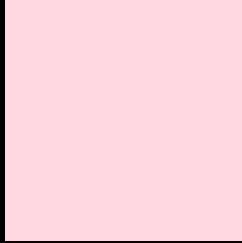
Large Text (above 18pt) WCAG AA × Fail

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, 15.493, 1.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

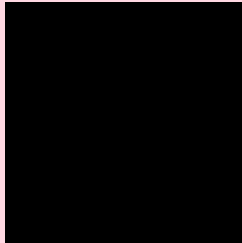
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 15.493, 1.064

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.493, 1.064.

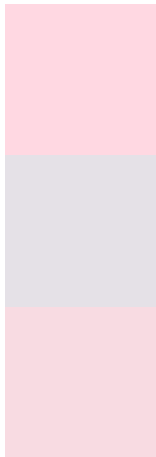


This preview shows how white text looks on a background with the CIELCh color 90, 15.493, 1.064.

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, 15.131, 0.554

Protanopia
90, 3.451, 314.721

Deuteranopia
90, 11.150, 1.240



Tritanopia
90, 16.348, 350.200

Trichromacy



Original Color
90, 15.131, 0.554

Protanomaly
90, 6.825, 347.681

Deuteranomaly
90, 12.708, 1.326

Tritanomaly
90, 15.883, 353.466

Monochromacy



Original Color
90, 15.131, 0.554

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.462, 357.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.493, 1.064 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 226)  
}
```

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, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.493, 1.064 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, 216, 226) }
```

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

```
.border{ border-color:rgb(255, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.493, 1.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 226) }
```

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

```
.background{ background-color: rgb(255,  
216, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor