

Converting Colors

CIELCh(90, 13.987, 18.125)

Have a look what the booklet for
CIELCh(90, 13.987, 18.125) contains.

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Color

CIELCh(90, 13.664, 18.200)

Conversions

Conversions Part 1

Format	Color
Hex	FFDADB
RGB	255, 218, 219
RGB Percent	100%, 85%, 86%
CMY	0.0011, 0.1462, 0.1423
CMYK	0.00, 0.15, 0.14, 0.00
HSL	358°, 98%, 93%
HSV	358°, 15%, 100%
XYZ	78.8825, 76.3034, 77.3959
YIQ	229.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

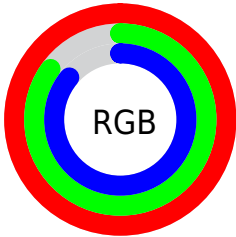
Format	Color
R _Y B	255, 218, 219
Decimal	16767707
CIE Lab	90.00, 12.98, 4.27
CIE LCh	90, 13.664, 18.200
Yxy	76.3034, 0.3392, 0.3281
Android (android.graphics.Color)	4294957787 (0xFFFFDADB)
YUV	229.1770, -5.0173, 22.6468
Hunter-Lab	87.3518, 8.3278, 8.6138

Details

The CIELCh color **90, 13.664, 18.200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.491, 196.324**, 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, 13.705, 18.352** is the 20% darker color. If you saturate the color by 10%, you get **83, 23.951, 19.230**, and if you desaturate by 10%, it is **97, 4.095, 17.311**.

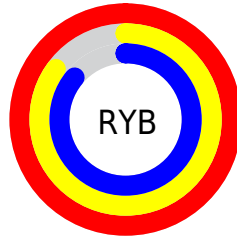
Distribution



Red (100%)

Green (85%)

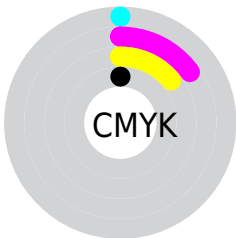
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

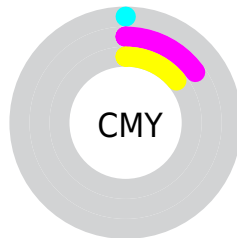


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 13.664, 18.200 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, 13.664, 18.200 by changing the saturation by 10% instead.

 90, 13.664, 18.200

 90, 13.664, 18.200

 100, 13.664,
18.200

 80, 13.664, 18.200

 70, 13.664, 18.200

 60, 13.664, 18.200

 50, 13.664, 18.200

 40, 13.664, 18.200

 30, 13.664, 18.200

 20, 13.664, 18.200

 10, 13.664, 18.200

 0, 13.664, 18.200

90, 13.664, 18.200

90, 13.664, 18.200

83, 23.951, 19.230

97, 4.095, 17.311

77, 34.929, 20.526

100, 0.099,
206.076

71, 46.484, 22.201

66, 58.391, 24.372

61, 70.314, 27.154

57, 81.815, 30.585

55, 92.295, 34.455

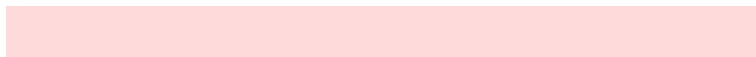
54, 100.528,
38.001

53, 103.437,
39.264

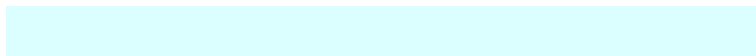
Harmonies

Complementary

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



90, 13.664, 18.200



97, 12.491, 196.324

Rectangle

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



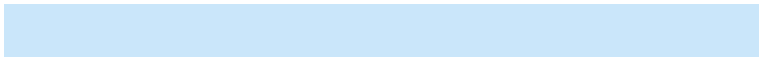
90, 13.664, 18.200



90, 13.664, 68.200



90, 13.664, 198.200



90, 13.664, 248.200

Sweetspot

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



90, 13.662, 18.209



97, 3.620, 17.253



91, 22.934, 324.309



51, 2.580, 17.335



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

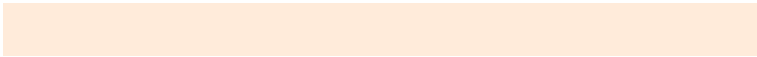
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.662, 18.209



88, 16.161, 18.442



94, 11.472, 69.964



49, 5.253, 17.765



40, 83.039, 38.954



10, 33.145, 26.102

Inverse Universe

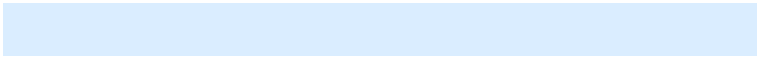
The Inverse Universe completely reimagines the original color for something new.



90, 13.662, 18.209



88, 16.161, 18.442



93, 10.966, 253.699



49, 5.253, 17.765



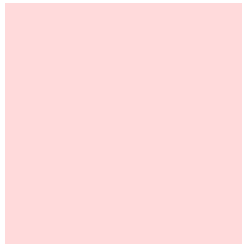
40, 83.039, 38.954



10, 33.145, 26.102

Previews

White Background



This preview shows how the CIELCh color 90, 13.664, 18.200 looks on a white background.

Color Contrast Check

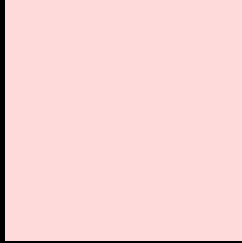
Large Text (above 18pt) WCAG AA × Fail

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, 13.664, 18.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

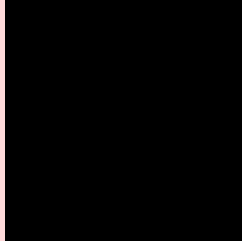
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

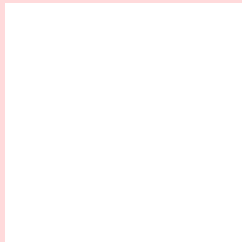
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 13.664, 18.200

Background



This preview shows how black text looks on a background with the CIELCh color 90, 13.664, 18.200.

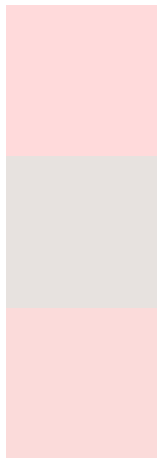


This preview shows how white text looks on a background with the CIELCh color 90, 13.664, 18.200.

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, 13.664, 18.200

Protanopia

90, 2.362, 60.305

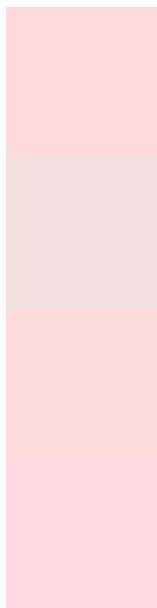
Deuteranopia

90, 11.814, 22.702



Tritanopia
90, 16.348, 350.200

Trichromacy



Original Color
90, 13.664, 18.200

Protanomaly
90, 6.272, 29.223

Deuteranomaly
90, 12.191, 22.652

Tritanomaly
90, 14.771, 0.021

Monochromacy



Original Color
90, 13.664, 18.200

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 4.697, 19.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 13.664, 18.200 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, 218, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 13.664, 18.200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

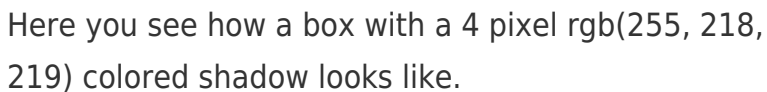
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 218, 219) }
```

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

```
.border{ border-color:rgb(255, 218, 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, 218, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 219); box-shadow:4px 4px 4px 4px rgb(255, 218, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 13.664, 18.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 219) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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