

Converting Colors

CIELCh(100, 53.283, 34.211)

Have a look what the booklet for
CIELCh(100, 53.283, 34.211)
contains.

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Color

CIELCh(90, 17.295, 58.768)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC7
RGB	255, 220, 199
RGB Percent	100%, 86%, 78%
CMY	0.0014, 0.1386, 0.2209
CMYK	0.00, 0.14, 0.22, 0.00
HSL	23°, 99%, 89%
HSV	23°, 22%, 100%
XYZ	76.8787, 76.3034, 64.5009
YIQ	228.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

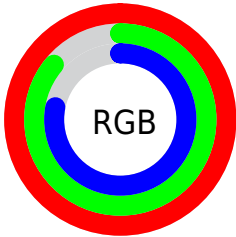
Format	Color
R _Y B	255, 233, 199
Decimal	16768199
CIE Lab	90.00, 8.97, 14.79
CIE LCh	90, 17.295, 58.768
Yxy	76.3034, 0.3532, 0.3505
Android (android.graphics.Color)	4294958279 (0xFFFFDCC7)
YUV	228.0710, -14.3320, 23.6167
Hunter-Lab	87.3518, 4.2330, 17.3663

Details

The CIELCh color **90, 17.295, 58.768** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.559, 243.538**, 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, 17.432, 58.647** is the 20% darker color. If you saturate the color by 10%, you get **86, 26.049, 57.911**, and if you desaturate by 10%, it is **94, 9.113, 59.669**.

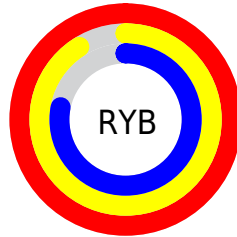
Distribution



Red (100%)

Green (86%)

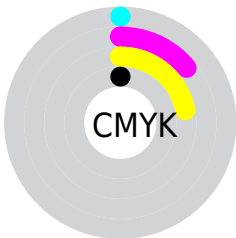
Blue (78%)



Red (100%)

Yellow (91%)

Blue (78%)

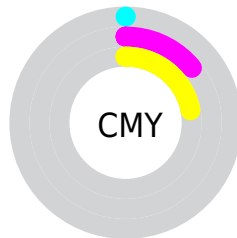


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.295, 58.768 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, 17.295, 58.768 by changing the saturation by 10% instead.

 90, 17.295, 58.768

 90, 17.295, 58.768

 100, 17.295,
58.768

 80, 17.295, 58.768

 70, 17.295, 58.768

 60, 17.295, 58.768

 50, 17.295, 58.768

 40, 17.295, 58.768

 30, 17.295, 58.768

 20, 17.295, 58.768

 10, 17.295, 58.768

 0, 17.295, 58.768

90, 17.295, 58.768

90, 17.295, 58.768

86, 26.049, 57.911

94, 9.113, 59.669

81, 35.408, 57.093

99, 1.455, 60.295

77, 45.365, 56.334

100, 0.124,
204.730

73, 55.835, 55.623

70, 66.568, 54.898

66, 76.981, 53.990

63, 85.899, 52.531

61, 91.253, 50.799

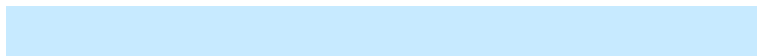
Harmonies

Complementary

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



90, 17.295, 58.768



91, 15.559, 243.538

Rectangle

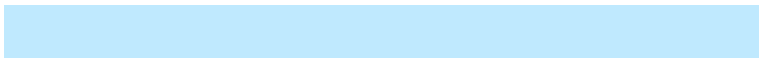
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 17.295, 58.768



90, 17.295, 108.768



90, 17.295, 238.768



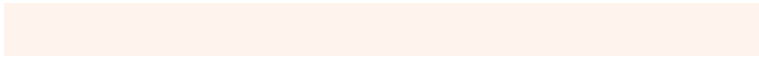
90, 17.295, 288.768

Sweetspot

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



90, 17.295, 58.778



97, 5.240, 60.093



86, 27.265, 338.798



51, 3.412, 60.044



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, 17.295, 58.778



88, 20.763, 58.425



97, 24.782, 101.710



51, 4.292, 59.885



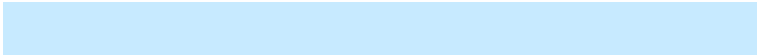
47, 73.138, 51.454



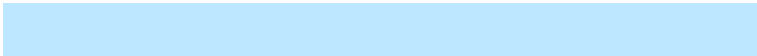
14, 27.686, 49.973

Inverse Universe

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



91, 15.559, 243.538



89, 18.275, 244.159



84, 25.678, 286.936



51, 4.117, 241.938



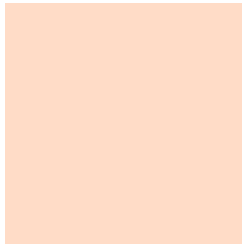
48, 45.239, 268.896



15, 19.112, 261.638

Previews

White Background



This preview shows how the CIE LCh color 90, 17.295, 58.768 looks on a white background.

Color Contrast Check

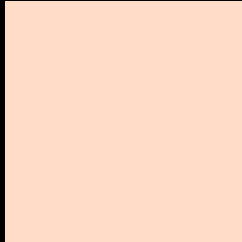
Large Text (above 18pt) WCAG AA × Fail

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, 17.295, 58.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

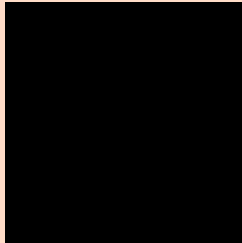
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.295, 58.768

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.295, 58.768.

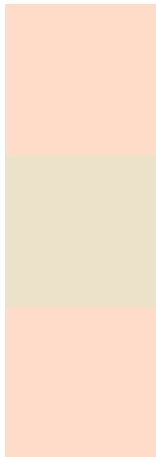


This preview shows how white text looks on a background with the CIELCh color 90, 17.295, 58.768.

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, 17.295, 58.768

Protanopia

90, 12.956, 92.342

Deuteranopia

90, 16.322, 52.607



Tritanopia
90, 16.109, 351.809

Trichromacy



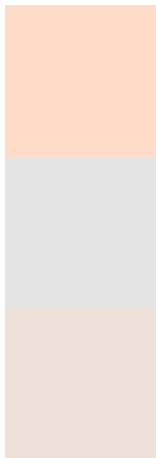
Original Color
90, 17.295, 58.768

Protanomaly
90, 13.904, 78.158

Deuteranomaly
90, 16.632, 54.030

Tritanomaly
90, 14.058, 16.195

Monochromacy



Original Color
90, 17.295, 58.768

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 6.291, 60.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.295, 58.768 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, 220, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 199)  
}
```

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, 220, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.295, 58.768 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, 220, 199) }
```

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

```
.border{ border-color:rgb(255, 220, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 199); box-shadow:4px 4px 4px 4px rgb(255, 220, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.295, 58.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 199) }
```

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

```
.background{ background-color: rgb(255,  
220, 199) }
```

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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