

Converting Colors

CIELCh(96, 40.764, 37.541)

Have a look what the booklet for
CIELCh(96, 40.764, 37.541) contains.

CIELCh(90, 17.967, 59.192)	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, 17.967, 59.192)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC5
RGB	255, 219, 197
RGB Percent	100%, 86%, 77%
CMY	0.0000, 0.1394, 0.2257
CMYK	0.00, 0.14, 0.23, 0.00
HSL	23°, 100%, 89%
HSV	23°, 23%, 100%
XYZ	76.9949, 76.3034, 63.7629
YIQ	227.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

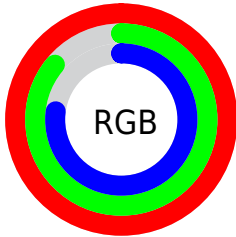
Format	Color
R _Y B	255, 232, 197
Decimal	16767941
CIE Lab	90.00, 9.20, 15.43
CIE LCh	90, 17.967, 59.192
Yxy	76.3034, 0.3547, 0.3515
Android (android.graphics.Color)	4294958021 (0xFFFFDBC5)
YUV	227.2560, -14.9162, 24.3315
Hunter-Lab	87.3518, 4.4704, 17.8672

Details

The CIELCh color **90, 17.967, 59.192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.026, 244.586**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **70, 18.157, 59.061** is the 20% darker color. If you saturate the color by 10%, you get **86, 26.613, 58.675**, and if you desaturate by 10%, it is **94, 9.599, 60.493**.

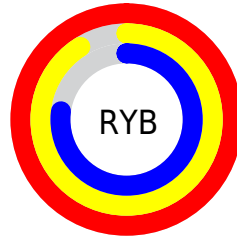
Distribution



Red (100%)

Green (86%)

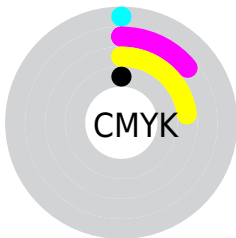
Blue (77%)



Red (100%)

Yellow (91%)

Blue (77%)

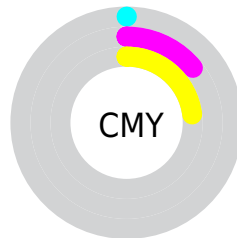


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.967, 59.192 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, 17.967, 59.192 by changing the saturation by 10% instead.

 90, 17.967, 59.192

 90, 17.967, 59.192

 100, 17.967,
59.192

 80, 17.967, 59.192

 70, 17.967, 59.192

 60, 17.967, 59.192

 50, 17.967, 59.192

 40, 17.967, 59.192

 30, 17.967, 59.192

 20, 17.967, 59.192

 10, 17.967, 59.192

 0, 17.967, 59.192

90, 17.967, 59.192

90, 17.967, 59.192

86, 26.613, 58.675

94, 9.599, 60.493

81, 36.000, 57.824

99, 1.895, 61.230

77, 45.971, 57.026

100, 0.012,
296.813

74, 56.433, 56.268

70, 67.120, 55.482

67, 77.417, 54.491

64, 86.116, 52.916

62, 90.973, 51.249

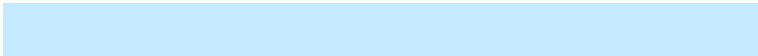
Harmonies

Complementary

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



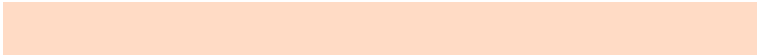
90, 17.967, 59.192



91, 16.026, 244.586

Rectangle

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



90, 17.967, 59.192



90, 17.967, 109.192



90, 17.967, 239.192



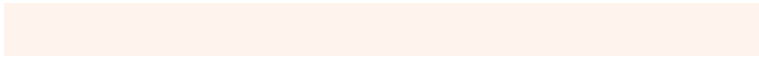
90, 17.967, 289.192

Sweetspot

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



90, 17.823, 59.573



97, 5.248, 60.983



86, 28.028, 338.848



51, 3.417, 60.933



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, 17.823, 59.573



88, 21.646, 59.171



97, 25.469, 101.644



51, 4.298, 60.769



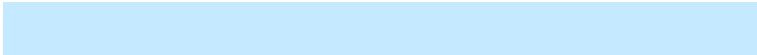
47, 72.840, 51.914



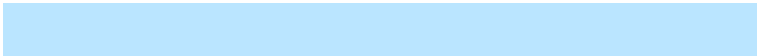
14, 27.615, 50.626

Inverse Universe

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



91, 16.026, 244.586



89, 19.009, 245.295



83, 26.418, 287.024



51, 4.127, 242.866



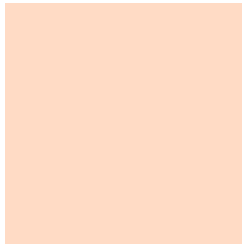
48, 45.907, 269.991



15, 19.338, 262.747

Previews

White Background



This preview shows how the CIE LCh color 90, 17.967, 59.192 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, 17.967, 59.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

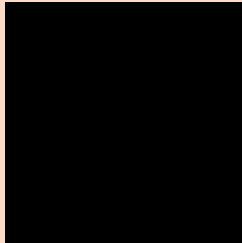
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.967, 59.192

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.967, 59.192.

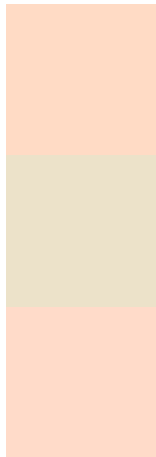


This preview shows how white text looks on a background with the CIELCh color 90, 17.967, 59.192.

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, 17.967, 59.192

Protanopia

90, 13.454, 92.912

Deuteranopia

90, 16.632, 54.030



Tritanopia
90, 16.109, 351.809

Trichromacy



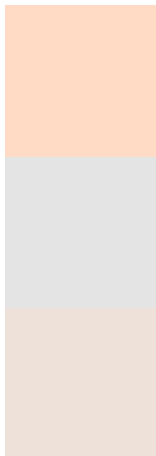
Original Color
90, 17.967, 59.192

Protanomaly
90, 14.356, 79.144

Deuteranomaly
90, 16.951, 55.399

Tritanomaly
90, 14.058, 16.195

Monochromacy



Original Color
90, 17.967, 59.192

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, 17.967, 59.192 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, 219, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 197)  
}
```

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, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.967, 59.192 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, 219, 197) }
```

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

```
.border{ border-color:rgb(255, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.967, 59.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 197) }
```

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

```
.background{ background-color: rgb(255,  
219, 197) }
```

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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