

Converting Colors

CIELCh(90, 16.418, 60.019)

Have a look what the booklet for
CIELCh(90, 16.418, 60.019) contains.

CIELCh(90, 16.339, 59.130)	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, 16.339, 59.130)

Conversions

Conversions Part 1

Format	Color
Hex	FDDCC8
RGB	253, 220, 200
RGB Percent	99%, 86%, 78%
CMY	0.0075, 0.1369, 0.2154
CMYK	0.00, 0.13, 0.21, 0.01
HSL	23°, 93%, 89%
HSV	23°, 21%, 99%
XYZ	76.5899, 76.3034, 65.3853
YIQ	227.5870, 26.0880, 0.7760

Conversions

Conversions Part 2

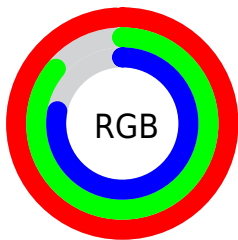
Format	Color
R _Y B	253, 232, 200
Decimal	16637128
CIE Lab	90.00, 8.38, 14.02
CIE LCh	90, 16.339, 59.130
Yxy	76.3034, 0.3509, 0.3496
Android (android.graphics.Color)	4294827208 (0xFFFDDCC8)
YUV	227.5870, -13.6004, 22.2872
Hunter-Lab	87.3518, 3.6428, 16.7660

Details

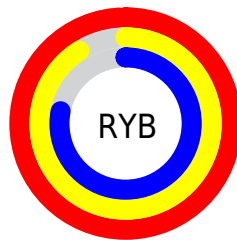
The CIELCh color **90, 16.339, 59.130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 14.792, 243.687**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 16.408, 59.058** is the 20% darker color. If you saturate the color by 10%, you get **86, 24.986, 58.259**, and if you desaturate by 10%, it is **94, 8.254, 60.039**.

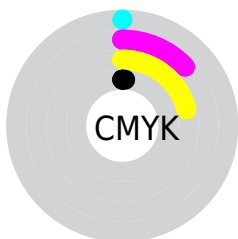
Distribution



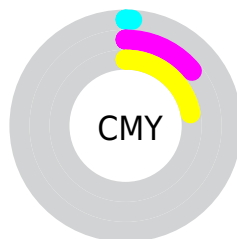
- Red (99%)
- Green (86%)
- Blue (78%)



- Red (99%)
- Yellow (91%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (1%)



- Cyan (1%)
- Magenta (14%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 16.339, 59.130 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, 16.339, 59.130 by changing the saturation by 10% instead.

 90, 16.339, 59.130

 90, 16.339, 59.130

 100, 16.339,
59.130

 80, 16.339, 59.130

 70, 16.339, 59.130

 60, 16.339, 59.130

 50, 16.339, 59.130

 40, 16.339, 59.130

 30, 16.339, 59.130

 20, 16.339, 59.130

 10, 16.339, 59.130

 0, 16.339, 59.130

90, 16.339, 59.130

90, 16.339, 59.130

86, 24.986, 58.259

94, 8.254, 60.039

81, 34.229, 57.424

99, 0.683, 60.257

77, 44.066, 56.646

100, 0.665,
200.360

74, 54.425, 55.917

70, 65.080, 55.181

66, 75.494, 54.287

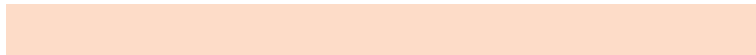
63, 84.575, 52.891

61, 90.701, 50.953

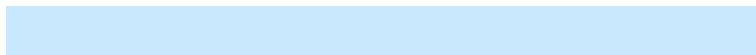
Harmonies

Complementary

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



90, 16.339, 59.130



91, 14.792, 243.687

Rectangle

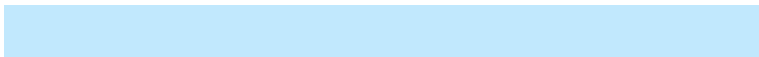
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 16.339, 59.130



90, 16.339, 109.130



90, 16.339, 239.130



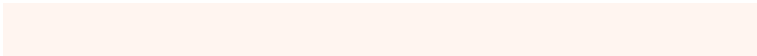
90, 16.339, 289.130

Sweetspot

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



90, 16.339, 59.141



97, 4.478, 60.452



86, 25.833, 338.710



52, 2.977, 60.402



0, 0.000, 0.000



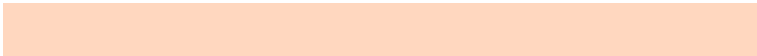
53, 0.007, 296.813

Same Dimension

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



90, 16.339, 59.141



89, 19.898, 58.778



96, 23.491, 101.828



51, 4.294, 60.165



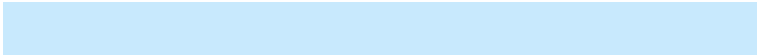
47, 73.043, 51.598



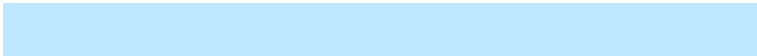
14, 27.663, 50.179

Inverse Universe

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



91, 14.792, 243.687



90, 17.627, 244.306



84, 24.296, 286.779



51, 4.120, 242.232



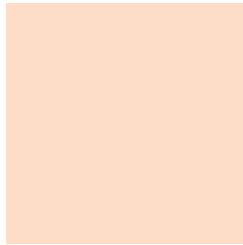
48, 45.449, 269.246



15, 19.183, 261.991

Previews

White Background



This preview shows how the CIE LCh color 90, 16.339, 59.130 looks on a white background.

Color Contrast Check

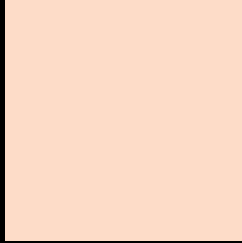
Large Text (above 18pt) WCAG AA × Fail

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, 16.339, 59.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

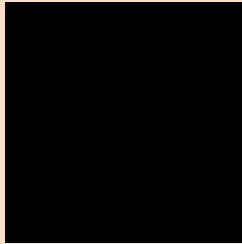
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 16.339, 59.130

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.339, 59.130.

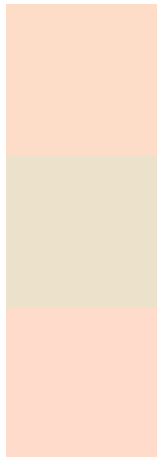


This preview shows how white text looks on a background with the CIELCh color 90, 16.339, 59.130.

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, 16.339, 59.130

Protanopia

90, 12.460, 91.722

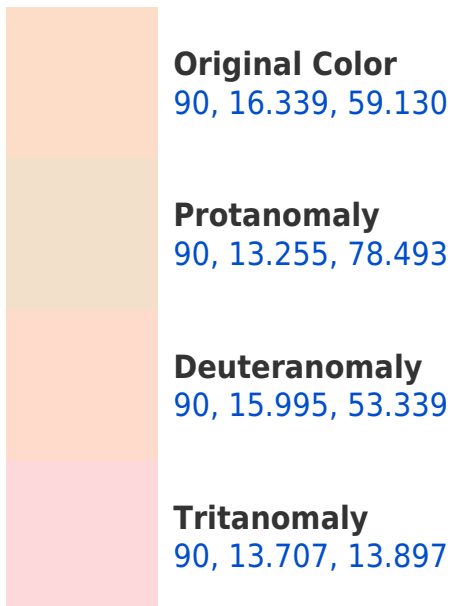
Deuteranopia

90, 16.024, 51.128



Tritanopia
90, 16.348, 350.200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.339, 59.130 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(253, 220, 200)` looks like.

```
.text, #text, p{  
    color:rgb(253, 220, 200)  
}
```

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(253, 220, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 220, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.339, 59.130 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(253, 220, 200) }
```

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

```
.border{ border-color:rgb(253, 220, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 220, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 220, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 220, 200);  
box-shadow:4px 4px 4px 4px rgb(253, 220,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.339, 59.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 220, 200) }
```

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

```
.background{ background-color: rgb(253,  
220, 200) }
```

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