

Converting Colors

CIELCh(90, 18.587, 70.759)

Have a look what the booklet for
CIELCh(90, 18.587, 70.759) contains.

CIELCh(90, 18.594, 70.692)	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, 18.594, 70.692)

Conversions

Conversions Part 1

Format	Color
Hex	FBDDC1
RGB	251, 221, 193
RGB Percent	98%, 87%, 76%
CMY	0.0145, 0.1321, 0.2420
CMYK	0.00, 0.12, 0.23, 0.01
HSL	29°, 89%, 87%
HSV	29°, 23%, 99%
XYZ	75.4913, 76.3034, 61.3737
YIQ	226.7780, 26.8680, -2.3480

Conversions

Conversions Part 2

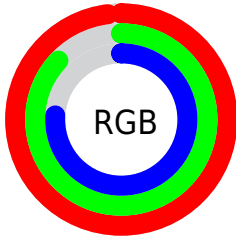
Format	Color
R _Y B	251, 247, 193
Decimal	16506305
CIE Lab	90.00, 6.15, 17.55
CIE LCh	90, 18.594, 70.692
Yxy	76.3034, 0.3541, 0.3579
Android (android.graphics.Color)	4294696385 (0xFFFBDDC1)
YUV	226.7780, -16.6526, 21.2427
Hunter-Lab	87.3518, 1.3979, 19.4888

Details

The CIELCh color **90, 18.594, 70.692** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 17.349, 256.944**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.525, 109.959**, and **70, 18.805, 70.964** is the 20% darker color. If you saturate the color by 10%, you get **86, 27.340, 69.473**, and if you desaturate by 10%, it is **94, 10.276, 71.910**.

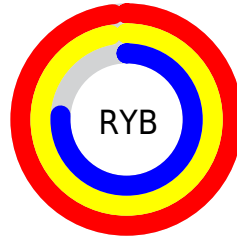
Distribution



Red (98%)

Green (87%)

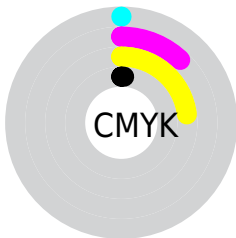
Blue (76%)



Red (98%)

Yellow (97%)

Blue (76%)

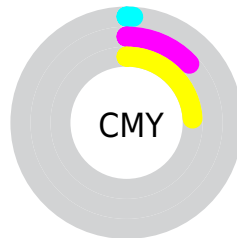


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (13%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 18.594, 70.692 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, 18.594, 70.692 by changing the saturation by 10% instead.

 90, 18.594, 70.692

 90, 18.594, 70.692

 100, 18.594,
70.692

 80, 18.594, 70.692

 70, 18.594, 70.692

 60, 18.594, 70.692

 50, 18.594, 70.692

 40, 18.594, 70.692

 30, 18.594, 70.692

 20, 18.594, 70.692

 10, 18.594, 70.692

 0, 18.594, 70.692

90, 18.594, 70.692

90, 18.594, 70.692

86, 27.340, 69.473

94, 10.276, 71.910

83, 36.517, 68.238

98, 2.359, 72.975

79, 46.084, 66.994

100, 1.281,
199.842

76, 55.901, 65.715

73, 65.644, 64.328

70, 74.643, 62.663

67, 81.764, 60.396

65, 85.305, 58.421

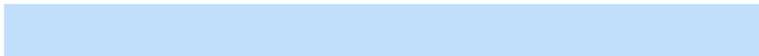
Harmonies

Complementary

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



90, 18.594, 70.692



88, 17.349, 256.944

Rectangle

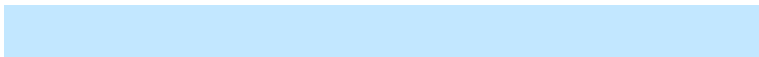
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 18.594, 70.692



90, 18.594, 120.692



90, 18.594, 250.692



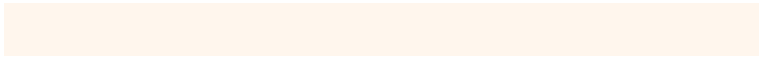
90, 18.594, 300.692

Sweetspot

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



90, 18.594, 70.701



97, 5.477, 72.611



84, 26.516, 343.899



52, 3.564, 72.544



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, 18.594, 70.701



89, 23.110, 70.096



97, 28.394, 106.499



50, 4.403, 72.331



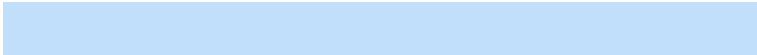
50, 68.498, 59.139



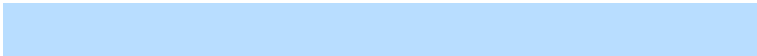
15, 25.848, 59.915

Inverse Universe

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



88, 17.349, 256.944



86, 21.203, 257.860



80, 29.877, 291.585



50, 4.295, 254.825



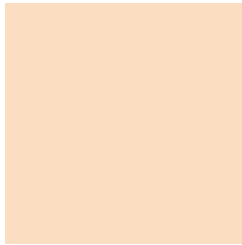
42, 55.712, 282.404



12, 22.258, 275.357

Previews

White Background



This preview shows how the CIE LCh color 90, 18.594, 70.692 looks on a white background.

Color Contrast Check

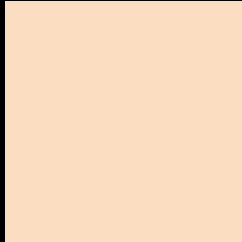
Large Text (above 18pt) WCAG AA × Fail

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, 18.594, 70.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

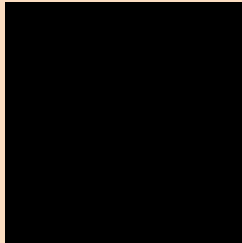
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 18.594, 70.692

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.594, 70.692.



This preview shows how white text looks on a background with the CIELCh color 90, 18.594, 70.692.

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, 18.594, 70.692

Protanopia

90, 16.156, 92.558

Deuteranopia

90, 16.951, 55.399



Tritanopia
90, 16.348, 350.200

Trichromacy



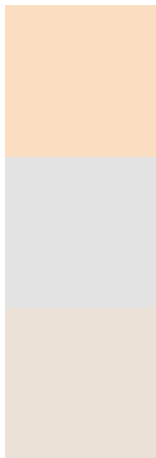
Original Color
90, 18.594, 70.692

Protanomaly
90, 16.675, 83.220

Deuteranomaly
90, 17.349, 60.807

Tritanomaly
90, 13.301, 20.325

Monochromacy



Original Color
90, 18.594, 70.692

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 6.545, 71.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.594, 70.692 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(251, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(251, 221, 193)  
}
```

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(251, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 221, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.594, 70.692 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(251, 221, 193) }
```

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

```
.border{ border-color:rgb(251, 221, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 221, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(251, 221,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.594, 70.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 221, 193) }
```

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

```
.background{ background-color: rgb(251,  
221, 193) }
```

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