

Converting Colors

CIELCh(92, 17.394, 68.339)

Have a look what the booklet for
CIELCh(92, 17.394, 68.339) contains.

CIELCh(92, 17.165, 70.788)	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(92, 17.165, 70.788)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3C9
RGB	255, 227, 201
RGB Percent	100%, 89%, 79%
CMY	0.0000, 0.1083, 0.2104
CMYK	0.00, 0.11, 0.21, 0.00
HSL	29°, 100%, 89%
HSV	29°, 21%, 100%
XYZ	79.5333, 80.7044, 66.8652
YIQ	232.4080, 25.0340, -2.1500

Conversions

Conversions Part 2

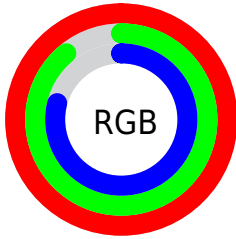
Format	Color
RYB	255, 251, 201
Decimal	16769993
CIELab	92.00, 5.65, 16.21
CIElCh	92, 17.165, 70.788
Yxy	80.7044, 0.3502, 0.3554
Android (android.graphics.Color)	4294960073 (0xFFFFE3C9)
YUV	232.4080, -15.4841, 19.8132
Hunter-Lab	89.8356, 0.8174, 18.7550

Details

The CIELCh color **92, 17.165, 70.788** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.051, 256.830**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.256, 71.202** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.838, 69.946**, and if you desaturate by 10%, it is **96, 8.735, 72.383**.

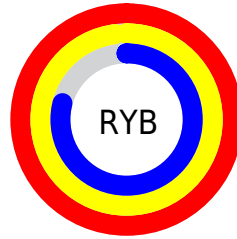
Distribution



Red (100%)

Green (89%)

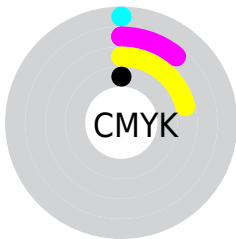
Blue (79%)



Red (100%)

Yellow (98%)

Blue (79%)

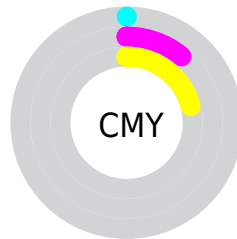


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 17.165, 70.788 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 92, 17.165, 70.788 by changing the saturation by 10% instead.

 92, 17.165, 70.788

 92, 17.165, 70.788

 100, 17.165,
70.788

 82, 17.165, 70.788

 72, 17.165, 70.788

 62, 17.165, 70.788

 52, 17.165, 70.788

 42, 17.165, 70.788

 32, 17.165, 70.788

 22, 17.165, 70.788

 12, 17.165, 70.788

 2, 17.165, 70.788

92, 17.165, 70.788

92, 17.165, 70.788

88, 25.838, 69.946

96, 8.735, 72.383

85, 35.039, 68.706

100, 0.793, 73.073

81, 44.643, 67.457

100, 0.012,
296.813

78, 54.536, 66.180

75, 64.435, 64.815

71, 73.744, 63.215

69, 81.404, 61.090

66, 86.182, 58.559

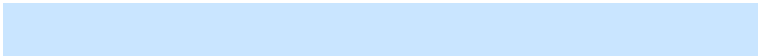
Harmonies

Complementary

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



92, 17.165, 70.788



90, 16.051, 256.830

Rectangle

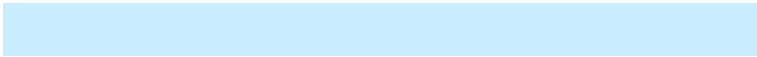
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 17.165, 70.788



92, 17.165, 120.788



92, 17.165, 250.788



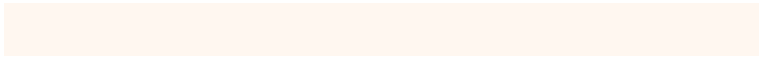
92, 17.165, 300.788

Sweetspot

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



92, 17.074, 71.178



98, 4.688, 72.952



86, 24.155, 344.599



52, 3.115, 72.882



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



92, 17.074, 71.178



90, 20.497, 70.691



99, 26.625, 107.426



51, 4.483, 72.562



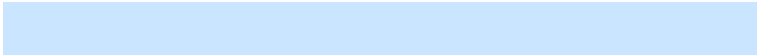
51, 69.136, 59.271



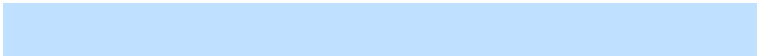
16, 27.028, 60.329

Inverse Universe

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



90, 16.051, 256.830



88, 19.016, 257.534



83, 27.927, 291.961



51, 4.373, 255.065



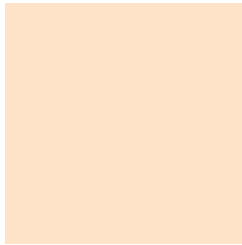
42, 56.566, 282.671



12, 23.097, 275.999

Previews

White Background



This preview shows how the CIE LCh color 92, 17.165, 70.788 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 92, 17.165, 70.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

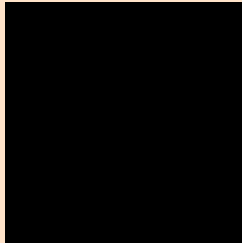
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 17.165, 70.788

Background



This preview shows how black text looks on a background with the CIELCh color 92, 17.165, 70.788.

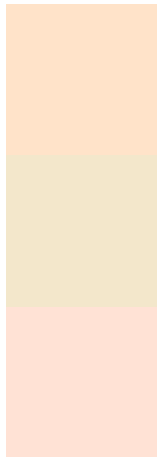


This preview shows how white text looks on a background with the CIELCh color 92, 17.165, 70.788.

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

92, 17.165, 70.788

Protanopia

92, 15.100, 91.637

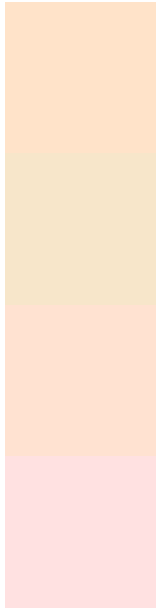
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.269, 347.394

Trichromacy



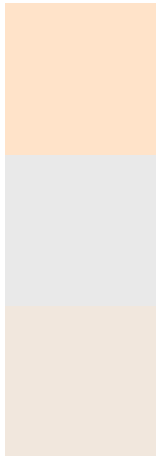
Original Color
92, 17.165, 70.788

Protanomaly
92, 15.790, 85.036

Deuteranomaly
92, 14.010, 58.484

Tritanomaly
92, 10.970, 20.126

Monochromacy



Original Color
92, 17.165, 70.788

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.291, 74.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 17.165, 70.788 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, 227, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 201)  
}
```

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, 227, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 17.165, 70.788 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, 227, 201) }
```

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

```
.border{ border-color:rgb(255, 227, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 17.165, 70.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 201) }
```

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

```
.background{ background-color: rgb(255,  
227, 201) }
```

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