

Converting Colors

CIELCh(92, 16.908, 71.811)

Have a look what the booklet for
CIELCh(92, 16.908, 71.811) contains.

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Color

CIELCh(92, 16.908, 71.811)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4CA
RGB	255, 228, 202
RGB Percent	100%, 89%, 79%
CMY	0.0016, 0.1074, 0.2093
CMYK	0.00, 0.11, 0.21, 0.00
HSL	29°, 99%, 89%
HSV	29°, 21%, 100%
XYZ	79.3459, 80.7044, 67.0376
YIQ	233.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

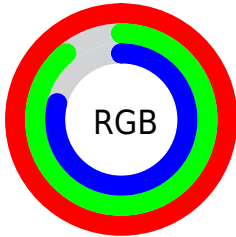
Format	Color
R _Y B	255, 253, 202
Decimal	16770250
CIE Lab	92.00, 5.28, 16.06
CIE LCh	92, 16.908, 71.811
Yxy	80.7044, 0.3494, 0.3554
Android (android.graphics.Color)	4294960330 (0xFFFFE4CA)
YUV	233.1090, -15.3367, 19.1984
Hunter-Lab	89.8356, 0.4448, 18.6413

Details

The CIELCh color **92, 16.908, 71.811** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 15.940, 257.438**, 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, 16.981, 72.298** is the 20% darker color. If you saturate the color by 10%, you get **88, 25.665, 70.578**, and if you desaturate by 10%, it is **96, 8.569, 73.036**.

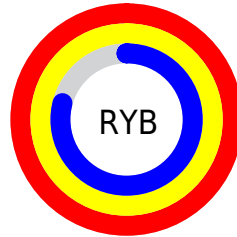
Distribution



Red (100%)

Green (89%)

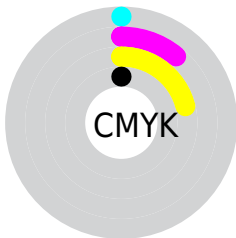
Blue (79%)



Red (100%)

Yellow (99%)

Blue (79%)

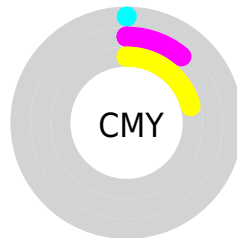


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 16.908, 71.811 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, 16.908, 71.811 by changing the saturation by 10% instead.

 92, 16.908, 71.811

 92, 16.908, 71.811

 100, 16.908,
71.811

 82, 16.908, 71.811

 72, 16.908, 71.811

 62, 16.908, 71.811

 52, 16.908, 71.811

 42, 16.908, 71.811

 32, 16.908, 71.811

 22, 16.908, 71.811

 12, 16.908, 71.811

 2, 16.908, 71.811

92, 16.908, 71.811

92, 16.908, 71.811

88, 25.665, 70.578

96, 8.569, 73.036

85, 34.847, 69.323

100, 0.618, 73.580

81, 44.422, 68.058

100, 0.138,
204.200

78, 54.276, 66.763

75, 64.126, 65.378

72, 73.386, 63.761

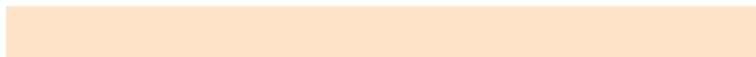
69, 81.009, 61.629

66, 85.851, 59.026

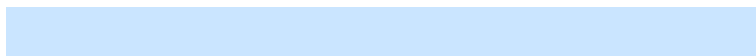
Harmonies

Complementary

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



92, 16.908, 71.811



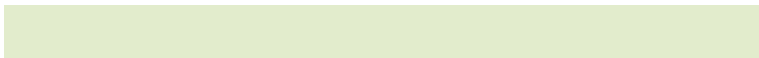
90, 15.940, 257.438

Rectangle

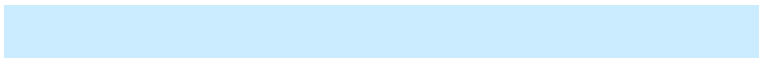
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 16.908, 71.811



92, 16.908, 121.811



92, 16.908, 251.811



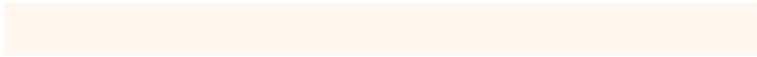
92, 16.908, 301.811

Sweetspot

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



92, 16.908, 71.821



98, 4.705, 73.582



86, 23.860, 344.577



52, 3.126, 73.512



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, 16.908, 71.821



91, 20.553, 71.302



98, 26.307, 107.449



51, 4.499, 73.188



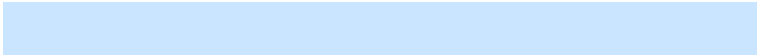
51, 68.962, 59.734



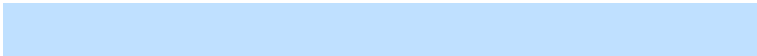
16, 27.019, 60.900

Inverse Universe

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



90, 15.940, 257.438



88, 19.117, 258.184



83, 27.578, 291.930



51, 4.393, 255.704



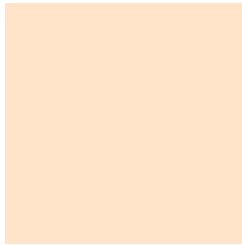
42, 57.228, 283.259



12, 23.337, 276.631

Previews

White Background



This preview shows how the CIELCh color 92, 16.908, 71.811 looks on a white background.

Color Contrast Check

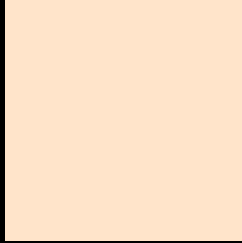
Large Text (above 18pt) WCAG AA × Fail

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 92, 16.908, 71.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

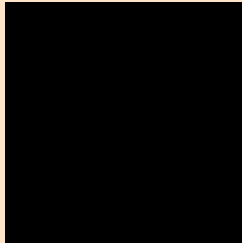
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 16.908, 71.811

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.908, 71.811.

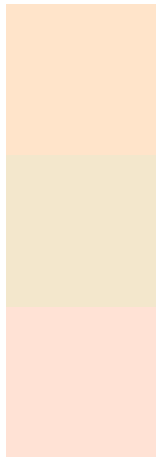


This preview shows how white text looks on a background with the CIELCh color 92, 16.908, 71.811.

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, 16.908, 71.811

Protanopia

92, 14.607, 91.101

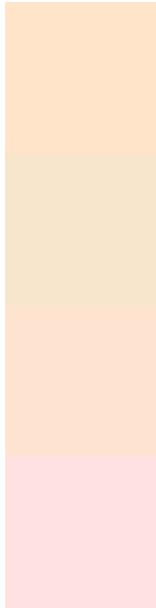
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.269, 347.394

Trichromacy



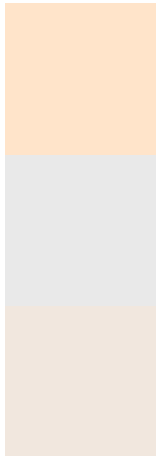
Original Color
92, 16.908, 71.811

Protanomaly
92, 15.316, 84.328

Deuteranomaly
92, 14.050, 61.011

Tritanomaly
92, 10.970, 20.126

Monochromacy



Original Color
92, 16.908, 71.811

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.874, 71.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 16.908, 71.811 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, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 202)  
}
```

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, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.908, 71.811 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, 228, 202) }
```

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

```
.border{ border-color:rgb(255, 228, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.908, 71.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 202) }
```

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

```
.background{ background-color: rgb(255,  
228, 202) }
```

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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