

Converting Colors

CIELCh(92, 16.740, 73.259)

Have a look what the booklet for
CIELCh(92, 16.740, 73.259) contains.

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Color

CIELCh(92, 16.674, 72.852)

Conversions

Conversions Part 1

Format	Color
Hex	FEE4CA
RGB	254, 228, 202
RGB Percent	100%, 89%, 79%
CMY	0.0045, 0.1064, 0.2084
CMYK	0.00, 0.10, 0.20, 0.00
HSL	30°, 96%, 89%
HSV	30°, 20%, 100%
XYZ	79.1631, 80.7044, 67.1918
YIQ	232.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

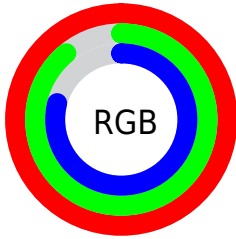
Format	Color
RYB	254, 254, 202
Decimal	16704714
CIELab	92.00, 4.92, 15.93
CIElCh	92, 16.674, 72.852
Yxy	80.7044, 0.3486, 0.3554
Android (android.graphics.Color)	4294894794 (0xFFFE4CA)
YUV	232.8100, -15.1893, 18.5836
Hunter-Lab	89.8356, 0.0817, 18.5395

Details

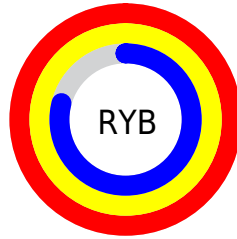
The CIELCh color $92, 16.674, 72.852$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89, 15.787, 258.429$, and the grayscale version is $92, 0.011, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $72, 16.733, 73.412$ is the 20% darker color. If you saturate the color by 10%, you get $88, 25.419, 71.602$, and if you desaturate by 10%, it is $96, 8.332, 74.090$.

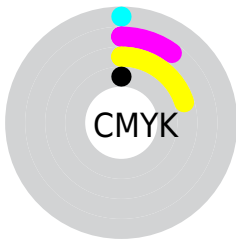
Distribution



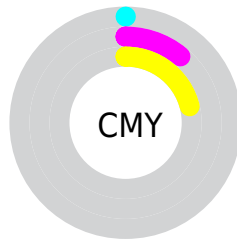
- Red (100%)
- Green (89%)
- Blue (79%)



- Red (100%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 16.674, 72.852 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, 16.674, 72.852 by changing the saturation by 10% instead.

 92, 16.674, 72.852

 92, 16.674, 72.852

 100, 16.674,
72.852

 82, 16.674, 72.852

 72, 16.674, 72.852

 62, 16.674, 72.852

 52, 16.674, 72.852

 42, 16.674, 72.852

 32, 16.674, 72.852

 22, 16.674, 72.852

 12, 16.674, 72.852

 2, 16.674, 72.852

92, 16.674, 72.852

92, 16.674, 72.852

88, 25.419, 71.602

96, 8.332, 74.090

85, 34.573, 70.326

99, 0.366, 74.171

81, 44.103, 69.035

100, 0.400,
201.036

78, 53.892, 67.711

75, 63.662, 66.296

72, 72.835, 64.654

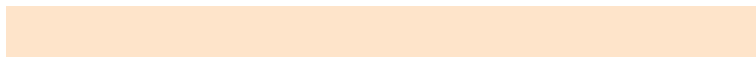
69, 80.384, 62.511

67, 85.296, 59.802

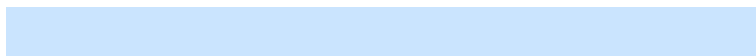
Harmonies

Complementary

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



92, 16.674, 72.852



89, 15.787, 258.429

Rectangle

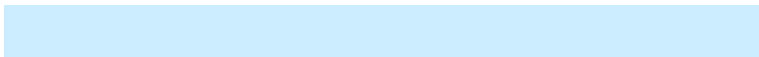
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 16.674, 72.852



92, 16.674, 122.852



92, 16.674, 252.852



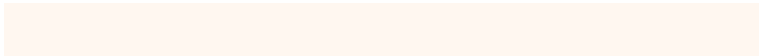
92, 16.674, 302.852

Sweetspot

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



92, 16.675, 72.862



98, 4.735, 74.604



86, 23.175, 345.463



52, 3.146, 74.533



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, 16.675, 72.862



91, 20.651, 72.294



98, 26.253, 108.178



51, 4.526, 74.206



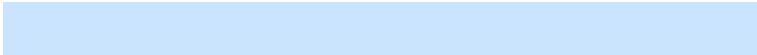
51, 68.689, 60.502



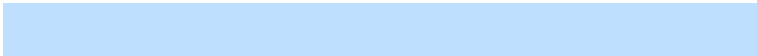
16, 27.010, 61.838

Inverse Universe

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



89, 15.787, 258.429



88, 19.286, 259.235



83, 27.542, 292.527



51, 4.425, 256.740



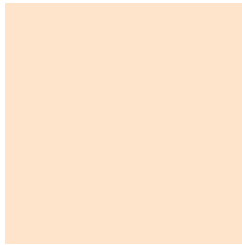
41, 58.323, 284.199



12, 23.738, 277.644

Previews

White Background



This preview shows how the CIE LCh color 92, 16.674, 72.852 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, 16.674, 72.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

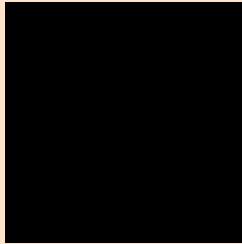
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

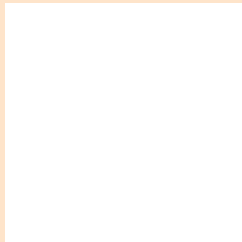
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 16.674, 72.852

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.674, 72.852.

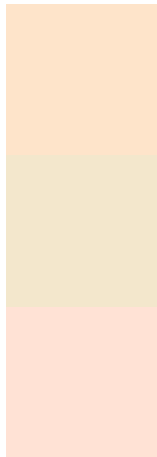


This preview shows how white text looks on a background with the CIELCh color 92, 16.674, 72.852.

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, 16.674, 72.852

Protanopia

92, 14.607, 91.101

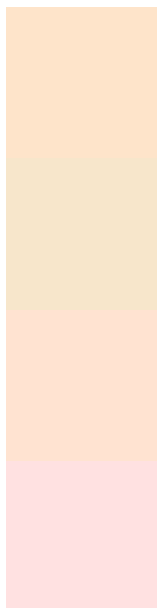
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.547, 345.549

Trichromacy



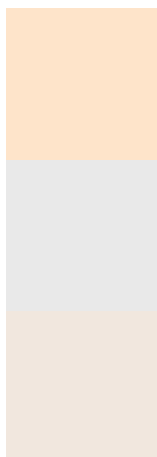
Original Color
92, 16.674, 72.852

Protanomaly
92, 15.316, 84.328

Deuteranomaly
92, 14.050, 61.011

Tritanomaly
92, 10.970, 20.126

Monochromacy



Original Color
92, 16.674, 72.852

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, 16.674, 72.852 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(254, 228, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 228, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 16.674, 72.852 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(254, 228, 202) }
```

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

```
.border{ border-color:rgb(254, 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(254, 228, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 16.674, 72.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 228, 202) }
```

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

```
.background{ background-color: rgb(254,  
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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