

Converting Colors

CIELCh(95, 25.320, 52.756)

Have a look what the booklet for
CIELCh(95, 25.320, 52.756) contains.

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Color

CIELCh(92, 16.658, 72.862)

Conversions

Conversions Part 1

Format	Color
Hex	FEE4CA
RGB	254, 228, 202
RGB Percent	100%, 89%, 79%
CMY	0.0046, 0.1064, 0.2083
CMYK	0.00, 0.10, 0.20, 0.00
HSL	30°, 96%, 89%
HSV	30°, 20%, 100%
XYZ	79.1593, 80.7044, 67.2088
YIQ	232.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

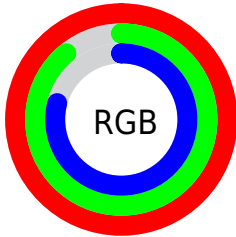
Format	Color
R_{YB}	254, 254, 202
Decimal	16704714
CIE _{Lab}	92.00, 4.91, 15.92
CIE _{LCh}	92, 16.658, 72.862
Y _{xy}	80.7044, 0.3486, 0.3554
Android (android.graphics.Color)	4294894794 (0xFF _{FEE4CA})
Y _{UV}	232.8100, -15.1893, 18.5836
Hunter-Lab	89.8356, 0.0742, 18.5282

Details

The CIELCh color **92, 16.658, 72.862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 15.773, 258.434**, 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, 25.402, 71.612**, and if you desaturate by 10%, it is **96, 8.317, 74.100**.

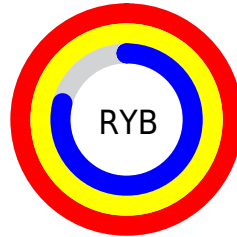
Distribution



Red (100%)

Green (89%)

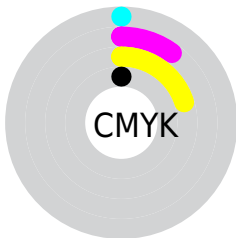
Blue (79%)



Red (100%)

Yellow (100%)

Blue (79%)

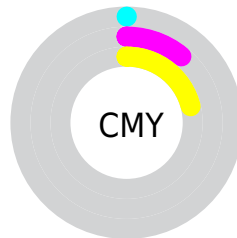


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 16.658, 72.862 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, 16.658, 72.862 by changing the saturation by 10% instead.

 92, 16.658, 72.862

 92, 16.658, 72.862

 100, 16.658,
72.862

 82, 16.658, 72.862

 72, 16.658, 72.862

 62, 16.658, 72.862

 52, 16.658, 72.862

 42, 16.658, 72.862

 32, 16.658, 72.862

 22, 16.658, 72.862

 12, 16.658, 72.862

 2, 16.658, 72.862

92, 16.658, 72.862

92, 16.658, 72.862

88, 25.402, 71.612

96, 8.317, 74.100

85, 34.555, 70.336

99, 0.352, 74.134

81, 44.083, 69.045

100, 0.408,
201.003

78, 53.871, 67.721

75, 63.640, 66.306

72, 72.813, 64.664

69, 80.365, 62.522

67, 85.287, 59.809

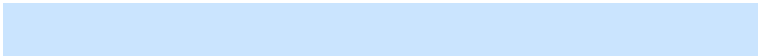
Harmonies

Complementary

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



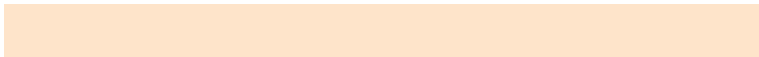
92, 16.658, 72.862



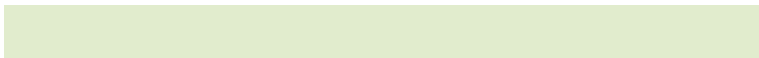
89, 15.773, 258.434

Rectangle

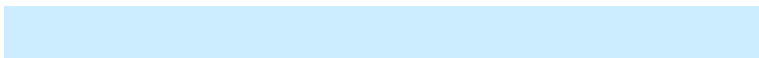
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 16.658, 72.862



92, 16.658, 122.862



92, 16.658, 252.862



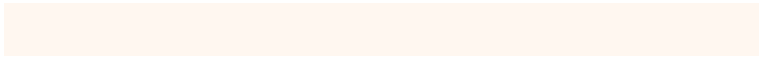
92, 16.658, 302.862

Sweetspot

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



92, 16.659, 72.872



98, 4.735, 74.612



86, 23.153, 345.461



52, 3.146, 74.541



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, 16.659, 72.872



91, 20.652, 72.302



98, 26.228, 108.180



51, 4.526, 74.213



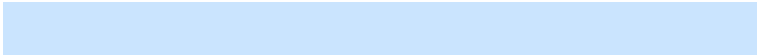
51, 68.687, 60.508



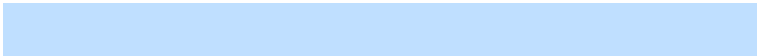
16, 27.010, 61.846

Inverse Universe

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



89, 15.773, 258.434



88, 19.287, 259.243



83, 27.515, 292.525



51, 4.426, 256.748



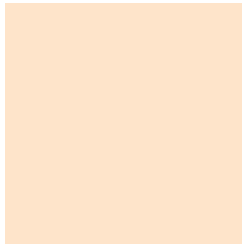
41, 58.331, 284.206



12, 23.741, 277.652

Previews

White Background



This preview shows how the CIE LCh color 92, 16.658, 72.862 looks on a white background.

Color Contrast Check

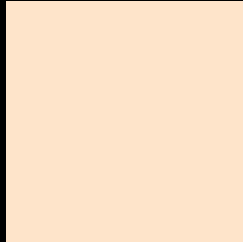
Large Text (above 18pt) WCAG AA × Fail

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, 16.658, 72.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

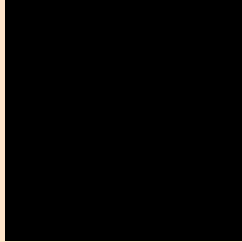
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 16.658, 72.862

Background



This preview shows how black text looks on a background with the CIELCh color 92, 16.658, 72.862.

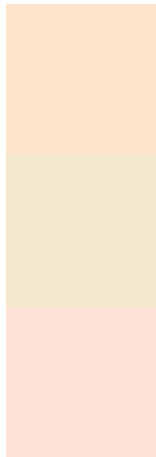


This preview shows how white text looks on a background with the CIELCh color 92, 16.658, 72.862.

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

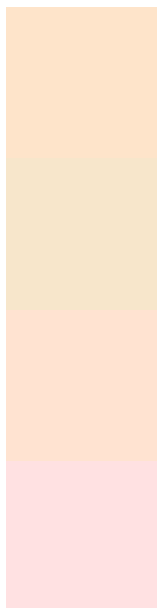
Deuteranopia

92, 12.745, 51.573



Tritanopia
92, 13.547, 345.549

Trichromacy



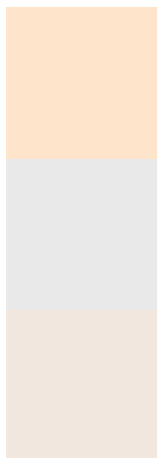
Original Color
92, 16.674, 72.852

Protanomaly
92, 15.316, 84.328

Deuteranomaly
92, 14.050, 61.011

Tritanomaly
92, 10.965, 17.446

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, 16.658, 72.862 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, 16.658, 72.862 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, 16.658, 72.862 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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