

Converting Colors

CIELCh(92, 13.829, 72.234)

Have a look what the booklet for
CIELCh(92, 13.829, 72.234) contains.

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Color

CIELCh(92, 13.868, 70.775)

Conversions

Conversions Part 1

Format	Color
Hex	FBE4CF
RGB	251, 228, 207
RGB Percent	98%, 89%, 81%
CMY	0.0146, 0.1048, 0.1872
CMYK	0.00, 0.09, 0.18, 0.01
HSL	29°, 85%, 90%
HSV	29°, 18%, 99%
XYZ	78.9867, 80.7044, 70.6080
YIQ	232.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

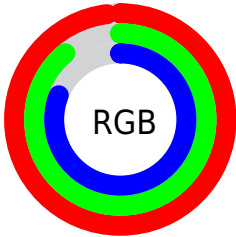
Format	Color
R_YB	251, 247, 207
Decimal	16508111
CIE _{Lab}	92.00, 4.57, 13.09
CIE _{LCh}	92, 13.868, 70.775
Y _{xy}	80.7044, 0.3430, 0.3504
Android (android.graphics.Color)	4294698191 (0xFFFBE4CF)
YUV	232.4830, -12.5631, 16.2394
Hunter-Lab	89.8356, -0.2688, 16.2849

Details

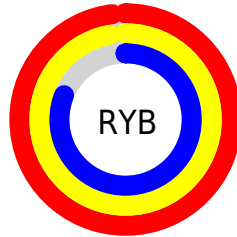
The CIELCh color **92, 13.868, 70.775** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 13.159, 255.386**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 13.751, 71.514** is the 20% darker color. If you saturate the color by 10%, you get **88, 22.359, 69.578**, and if you desaturate by 10%, it is **96, 5.799, 71.953**.

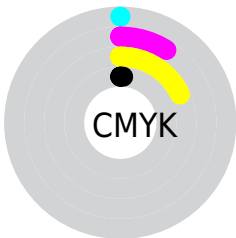
Distribution



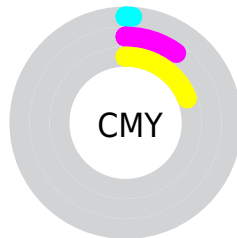
- Red (98%)
- Green (89%)
- Blue (81%)



- Red (98%)
- Yellow (97%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.868, 70.775 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, 13.868, 70.775 by changing the saturation by 10% instead.

 92, 13.868, 70.775

 92, 13.868, 70.775

 100, 13.868,
70.775

 82, 13.868, 70.775

 72, 13.868, 70.775

 62, 13.868, 70.775

 52, 13.868, 70.775

 42, 13.868, 70.775

 32, 13.868, 70.775

 22, 13.868, 70.775

 12, 13.868, 70.775

 2, 13.868, 70.775

92, 13.868, 70.775

92, 13.868, 70.775

88, 22.359, 69.578

96, 5.799, 71.953

85, 31.291, 68.360

100, 1.157,
211.896

81, 40.654, 67.138

100, 1.297,
199.834

78, 50.372, 65.903

74, 60.244, 64.612

71, 69.817, 63.155

68, 78.218, 61.299

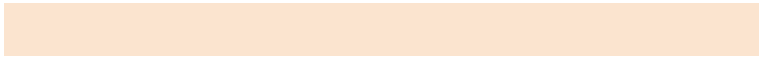
66, 84.227, 58.673

65, 85.512, 57.989

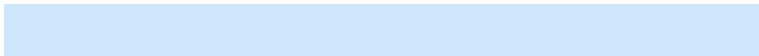
Harmonies

Complementary

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



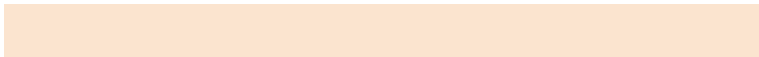
92, 13.868, 70.775



90, 13.159, 255.386

Rectangle

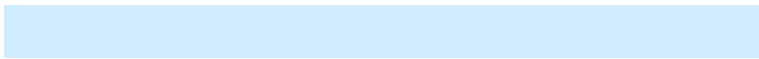
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 13.868, 70.775



92, 13.868, 120.775



92, 13.868, 250.775



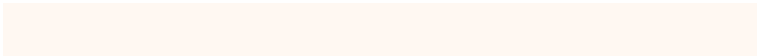
92, 13.868, 300.775

Sweetspot

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



92, 13.868, 70.787



98, 3.878, 72.214



88, 20.033, 343.363



52, 2.651, 72.144



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, 13.868, 70.787



92, 16.980, 70.366



97, 21.580, 107.062



50, 4.389, 71.731



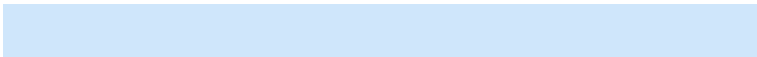
50, 68.666, 58.706



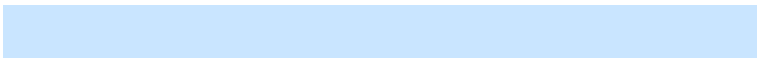
15, 25.859, 59.368

Inverse Universe

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



90, 13.159, 255.386



90, 15.921, 255.962



85, 22.411, 290.820



50, 4.277, 254.212



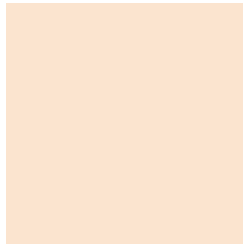
42, 55.099, 281.831



12, 22.042, 274.742

Previews

White Background



This preview shows how the CIELCh color 92, 13.868, 70.775 looks on a white background.

Color Contrast Check

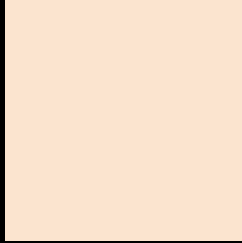
Large Text (above 18pt) WCAG AA × Fail

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, 13.868, 70.775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

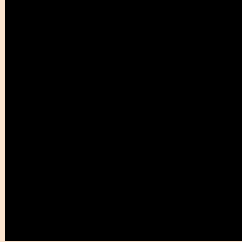
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.868, 70.775

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.868, 70.775.

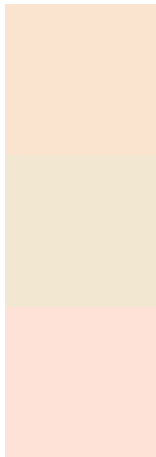


This preview shows how white text looks on a background with the CIELCh color 92, 13.868, 70.775.

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, 13.868, 70.775

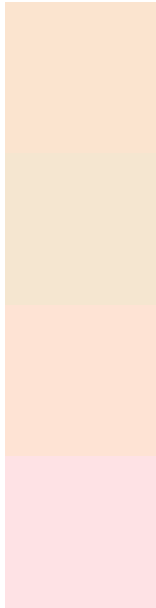
Protanopia
92, 12.037, 89.386

Deuteranopia
92, 12.197, 47.597



Tritanopia
92, 14.143, 342.092

Trichromacy



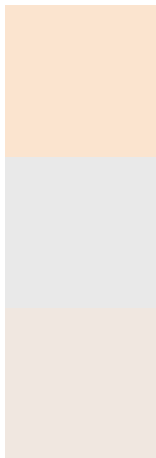
Original Color
92, 13.868, 70.775

Protanomaly
92, 12.639, 82.953

Deuteranomaly
92, 12.723, 57.158

Tritanomaly
92, 10.286, 11.466

Monochromacy



Original Color
92, 13.868, 70.775

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.842, 67.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 13.868, 70.775 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, 228, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 228, 207)  
}
```

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, 228, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 228, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.868, 70.775 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, 228, 207) }
```

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

```
.border{ border-color:rgb(251, 228, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 228, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 228, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 228, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 228,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.868, 70.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 228, 207) }
```

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

```
.background{ background-color: rgb(251,  
228, 207) }
```

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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