

Converting Colors

CIELCh(92, 12.972, 69.080)

Have a look what the booklet for
CIELCh(92, 12.972, 69.080) contains.

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Color

CIELCh(92, 13.056, 68.120)

Conversions

Conversions Part 1

Format	Color
Hex	FBE4D1
RGB	251, 228, 209
RGB Percent	98%, 89%, 82%
CMY	0.0151, 0.1053, 0.1799
CMYK	0.00, 0.09, 0.17, 0.02
HSL	27°, 84%, 90%
HSV	27°, 17%, 98%
XYZ	79.1375, 80.7044, 71.8128
YIQ	232.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

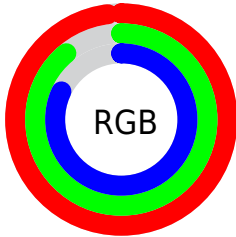
Format	Color
R _Y B	251, 244, 209
Decimal	16508113
CIE Lab	92.00, 4.87, 12.12
CIE LCh	92, 13.056, 68.120
Yxy	80.7044, 0.3416, 0.3484
Android (android.graphics.Color)	4294698193 (0xFFFBE4D1)
YUV	232.7110, -11.6895, 16.0395
Hunter-Lab	89.8356, 0.0309, 15.4897

Details

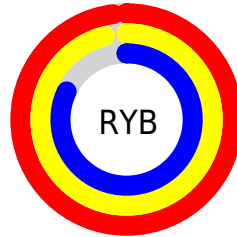
The CIELCh color **92, 13.056, 68.120** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.334, 252.372**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.883, 68.782** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.456, 66.985**, and if you desaturate by 10%, it is **96, 5.106, 69.236**.

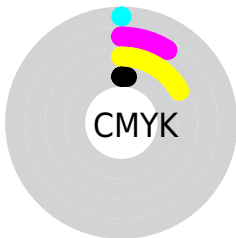
Distribution



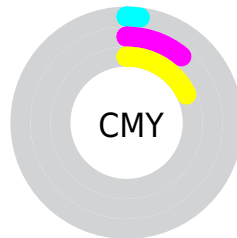
- Red (98%)
- Green (89%)
- Blue (82%)



- Red (98%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (2%)



- Cyan (2%)
- Magenta (11%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 13.056, 68.120 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, 13.056, 68.120 by changing the saturation by 10% instead.

 92, 13.056, 68.120

 92, 13.056, 68.120

 100, 13.056,
68.120

 82, 13.056, 68.120

 72, 13.056, 68.120

 62, 13.056, 68.120

 52, 13.056, 68.120

 42, 13.056, 68.120

 32, 13.056, 68.120

 22, 13.056, 68.120

 12, 13.056, 68.120

 2, 13.056, 68.120

92, 13.056, 68.120

92, 13.056, 68.120

88, 21.456, 66.985

96, 5.106, 69.236

84, 30.334, 65.837

100, 1.342,
199.814

81, 39.688, 64.698

77, 49.462, 63.562

74, 59.478, 62.390

70, 69.327, 61.079

67, 78.178, 59.399

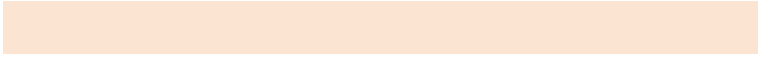
65, 84.744, 56.950

64, 86.540, 56.076

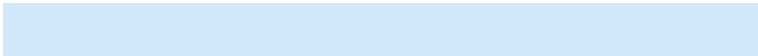
Harmonies

Complementary

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



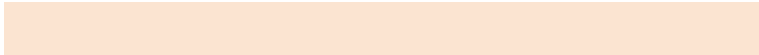
92, 13.056, 68.120



91, 12.334, 252.372

Rectangle

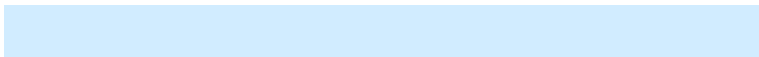
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 13.056, 68.120



92, 13.056, 118.120



92, 13.056, 248.120



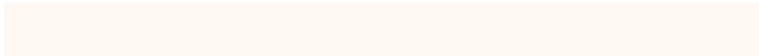
92, 13.056, 298.120

Sweetspot

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



92, 13.056, 68.133



98, 3.824, 69.402



88, 19.322, 342.418



52, 2.614, 69.337



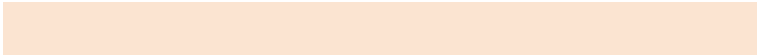
0, 0.000, 0.000



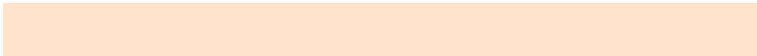
53, 0.007, 296.813

Same Dimension

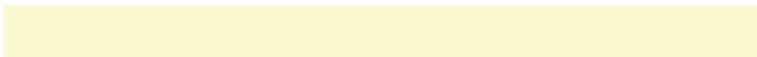
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 13.056, 68.133



92, 15.952, 67.756



97, 20.266, 106.403



50, 4.332, 68.944



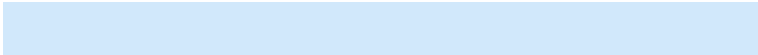
49, 69.480, 56.788



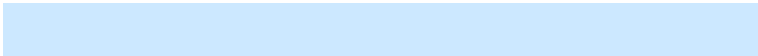
14, 25.938, 56.892

Inverse Universe

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



91, 12.334, 252.372



91, 14.881, 252.891



86, 20.981, 290.025



50, 4.205, 251.353



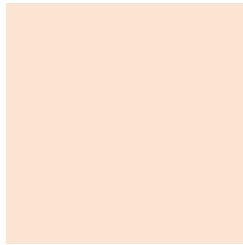
43, 52.369, 279.073



12, 21.090, 271.801

Previews

White Background



This preview shows how the CIELCh color 92, 13.056, 68.120 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, 13.056, 68.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

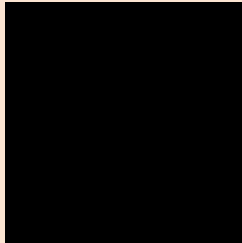
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 92, 13.056, 68.120

Background



This preview shows how black text looks on a background with the CIELCh color 92, 13.056, 68.120.

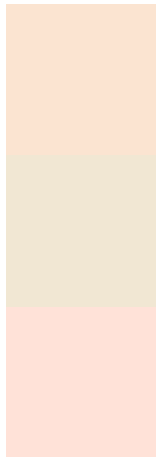


This preview shows how white text looks on a background with the CIELCh color 92, 13.056, 68.120.

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, 13.056, 68.120

Protanopia

92, 10.936, 89.538

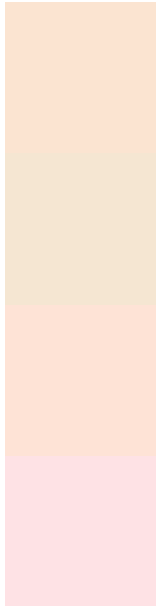
Deuteranopia

92, 11.947, 45.475



Tritanopia
92, 14.143, 342.092

Trichromacy



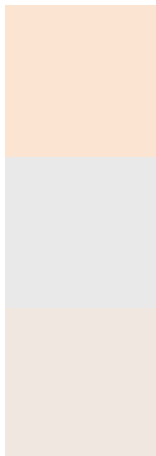
Original Color
92, 13.056, 68.120

Protanomaly
92, 11.714, 80.875

Deuteranomaly
92, 12.091, 53.436

Tritanomaly
92, 10.286, 11.466

Monochromacy



Original Color
92, 13.056, 68.120

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, 13.056, 68.120 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(251, 228, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 228, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 13.056, 68.120 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, 209) }
```

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

```
.border{ border-color:rgb(251, 228, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 228, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 228, 209);  
box-shadow:4px 4px 4px 4px rgb(251, 228,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 13.056, 68.120 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, 209) }
```

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

```
.background{ background-color: rgb(251,  
228, 209) }
```

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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