

Converting Colors

CIE LCh(92, 7.021, 7.118)

Have a look what the booklet for
CIELCh(92, 7.021, 7.118) contains.

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Color

CIELCh(92, 7.027, 7.121)

Conversions

Conversions Part 1

Format	Color
Hex	F7E4E7
RGB	247, 228, 231
RGB Percent	97%, 89%, 91%
CMY	0.0330, 0.1075, 0.0957
CMYK	0.00, 0.08, 0.06, 0.03
HSL	351°, 53%, 93%
HSV	351°, 8%, 97%
XYZ	80.2059, 80.7044, 86.6459
YIQ	234.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

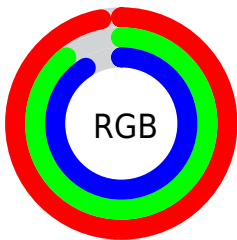
Format	Color
R_{YB}	247, 228, 231
Decimal	16245991
CIE _{Lab}	92.00, 6.97, 0.87
CIE _{LCh}	92, 7.027, 7.121
Y _{xy}	80.7044, 0.3240, 0.3260
Android (android.graphics.Color)	4294436071 (0xFFFF7E4E7)
YUV	234.0230, -1.4903, 11.3808
Hunter-Lab	89.8356, 2.1537, 5.7001

Details

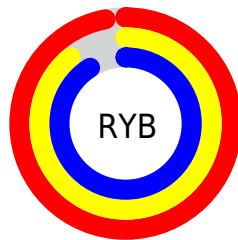
The CIELCh color **92, 7.027, 7.121** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **96, 6.786, 185.958**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.942, 10.972** is the 20% darker color. If you saturate the color by 10%, you get **86, 16.620, 8.232**, and if you desaturate by 10%, it is **99, 2.029, 186.641**.

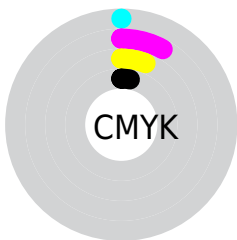
Distribution



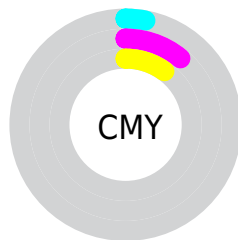
- Red (97%)
- Green (89%)
- Blue (91%)



- Red (97%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 7.027, 7.121 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, 7.027, 7.121 by changing the saturation by 10% instead.

92, 7.027, 7.121

92, 7.027, 7.121

100, 7.027, 7.121

82, 7.027, 7.121

72, 7.027, 7.121

62, 7.027, 7.121

52, 7.027, 7.121

42, 7.027, 7.121

32, 7.027, 7.121

22, 7.027, 7.121

12, 7.027, 7.121

2, 7.027, 7.121

92, 7.027, 7.121

92, 7.027, 7.121

86, 16.620, 8.232

99, 2.029, 186.641

79, 26.718, 9.509

99, 2.914, 199.448

73, 37.210, 11.069

68, 47.894, 13.016

63, 58.456, 15.481

58, 68.506, 18.614

55, 77.672, 22.538

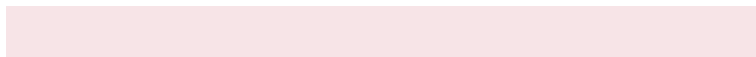
53, 85.730, 27.237

52, 92.619, 32.342

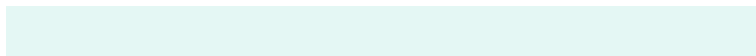
Harmonies

Complementary

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



92, 7.027, 7.121



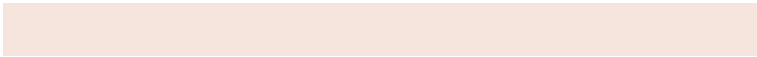
96, 6.786, 185.958

Rectangle

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



92, 7.027, 7.121



92, 7.027, 57.121



92, 7.027, 187.121



92, 7.027, 237.121

Sweetspot

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



92, 7.025, 7.135



99, 1.846, 6.363



92, 11.339, 320.128



53, 1.049, 6.336



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

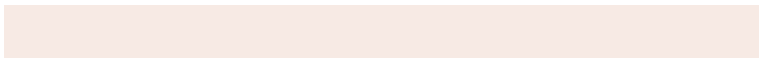
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 7.025, 7.135



94, 8.469, 7.276



93, 5.602, 54.984



48, 5.181, 7.325



39, 75.467, 32.473



8, 30.168, 18.562

Inverse Universe

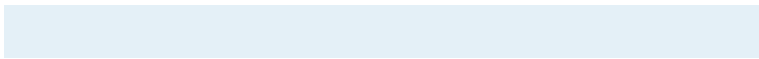
The Inverse Universe completely reimagines the original color for something new.



92, 7.025, 7.135



94, 8.469, 7.276



94, 5.397, 236.478



48, 5.181, 7.325



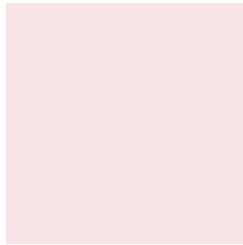
39, 75.467, 32.473



8, 30.168, 18.562

Previews

White Background



This preview shows how the CIELCh color 92, 7.027, 7.121 looks on a white background.

Color Contrast Check

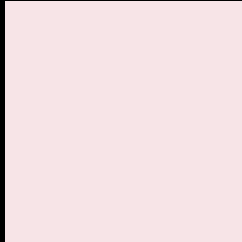
Large Text (above 18pt) WCAG AA × Fail

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, 7.027, 7.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

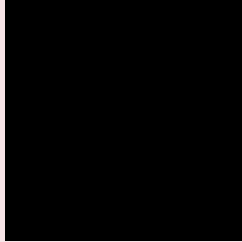
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

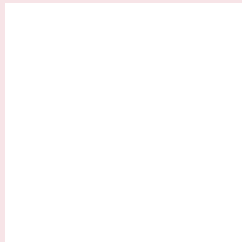
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 7.027, 7.121

Background



This preview shows how black text looks on a background with the CIELCh color 92, 7.027, 7.121.

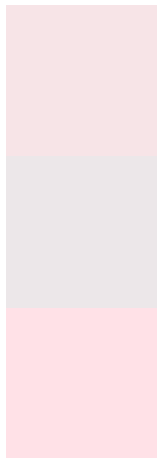


This preview shows how white text looks on a background with the CIELCh color 92, 7.027, 7.121.

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, 7.027, 7.121

Protanopia

92, 2.074, 349.361

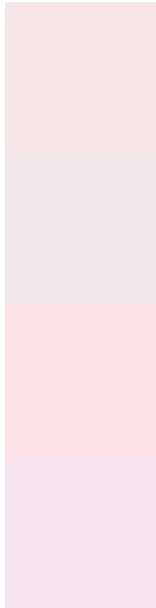
Deuteranopia

92, 11.302, 4.332



Tritanopia
92, 11.789, 332.037

Trichromacy



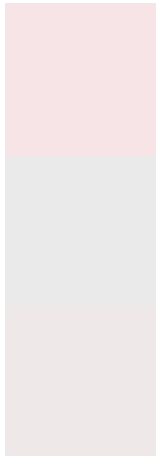
Original Color
92, 7.027, 7.121

Protanomaly
92, 3.735, 3.473

Deuteranomaly
92, 9.754, 4.756

Tritanomaly
92, 9.150, 341.649

Monochromacy



Original Color
92, 7.027, 7.121

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.558, 7.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 7.027, 7.121 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(247, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 231)  
}
```

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(247, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 7.027, 7.121 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(247, 228, 231) }
```

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

```
.border{ border-color:rgb(247, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 7.027, 7.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 231) }
```

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

```
.background{ background-color: rgb(247,  
228, 231) }
```

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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