

Converting Colors

CIELCh(92, 9.959, 6.543)

Have a look what the booklet for
CIELCh(92, 9.959, 6.543) contains.

CIELCh(92, 9.643, 7.717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(92, 9.643, 7.717)

Conversions

Conversions Part 1

Format	Color
Hex	FCE2E6
RGB	252, 226, 230
RGB Percent	99%, 89%, 90%
CMY	0.0122, 0.1142, 0.0985
CMYK	0.00, 0.10, 0.09, 0.01
HSL	351°, 81%, 94%
HSV	351°, 10%, 99%
XYZ	81.5285, 80.7044, 86.0529
YIQ	234.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

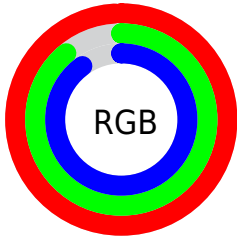
Format	Color
R _Y B	252, 226, 230
Decimal	16573158
CIE Lab	92.00, 9.56, 1.29
CIE LCh	92, 9.643, 7.717
Yxy	80.7044, 0.3284, 0.3250
Android (android.graphics.Color)	4294763238 (0xFFFC E2E6)
YUV	234.2300, -2.0854, 15.5843
Hunter-Lab	89.8356, 4.7816, 6.0915

Details

The CIELCh color **92, 9.643, 7.717** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 9.200, 186.028**, 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, 9.422, 6.917** is the 20% darker color. If you saturate the color by 10%, you get **85, 19.539, 8.856**, and if you desaturate by 10%, it is **99, 0.294, 4.757**.

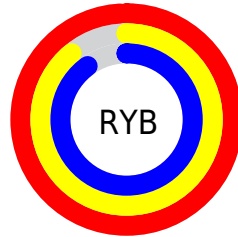
Distribution



Red (99%)

Green (89%)

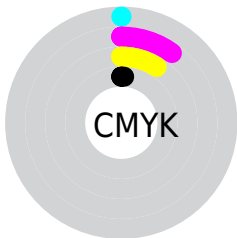
Blue (90%)



Red (99%)

Yellow (89%)

Blue (90%)

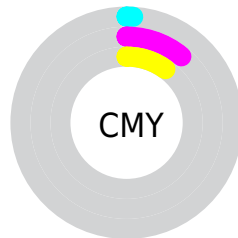


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.643, 7.717 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, 9.643, 7.717 by changing the saturation by 10% instead.

 92, 9.643, 7.717

 92, 9.643, 7.717

 100, 9.643, 7.717

 82, 9.643, 7.717

 72, 9.643, 7.717

 62, 9.643, 7.717

 52, 9.643, 7.717

 42, 9.643, 7.717

 32, 9.643, 7.717

 22, 9.643, 7.717

 12, 9.643, 7.717

 2, 9.643, 7.717

92, 9.643, 7.717

92, 9.643, 7.717

85, 19.539, 8.856

99, 0.294, 4.757

79, 29.934, 10.198

100, 1.085,
199.947

73, 40.694, 11.851

68, 51.584, 13.925

63, 62.262, 16.559

59, 72.324, 19.901

56, 81.418, 24.048

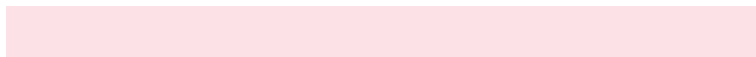
54, 89.359, 28.908

53, 95.956, 33.733

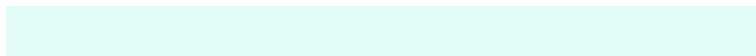
Harmonies

Complementary

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



92, 9.643, 7.717



97, 9.200, 186.028

Rectangle

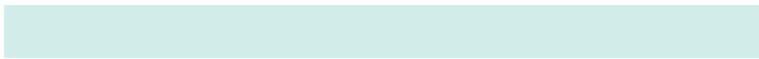
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



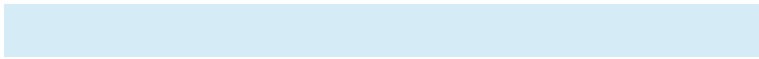
92, 9.643, 7.717



92, 9.643, 57.717



92, 9.643, 187.717



92, 9.643, 237.717

Sweetspot

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



92, 9.641, 7.728



98, 2.771, 6.879



92, 15.492, 320.254



52, 2.105, 6.998



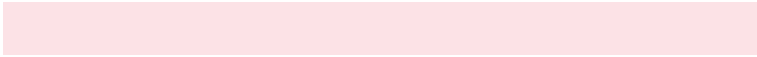
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

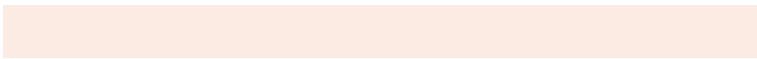
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 9.641, 7.728



92, 11.379, 7.908



94, 7.711, 54.805



49, 5.264, 7.640



39, 76.479, 32.788



9, 31.221, 19.840

Inverse Universe

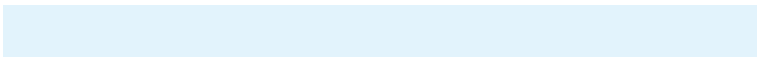
The Inverse Universe completely reimagines the original color for something new.



92, 9.641, 7.728



92, 11.379, 7.908



95, 7.321, 236.711



49, 5.264, 7.640



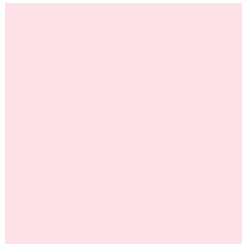
39, 76.479, 32.788



9, 31.221, 19.840

Previews

White Background



This preview shows how the CIELCh color 92, 9.643, 7.717 looks on a white background.

Color Contrast Check

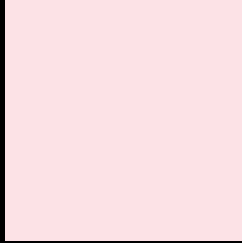
Large Text (above 18pt) WCAG AA × Fail

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, 9.643, 7.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

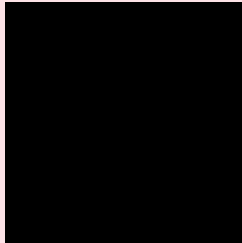
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

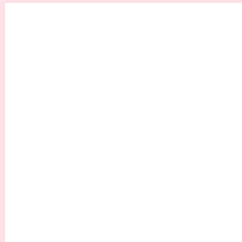
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.643, 7.717

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.643, 7.717.

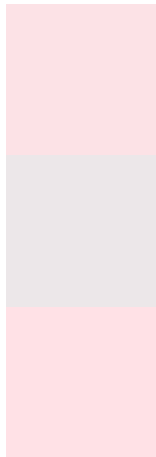


This preview shows how white text looks on a background with the CIELCh color 92, 9.643, 7.717.

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, 9.643, 7.717

Protanopia

92, 2.074, 349.361

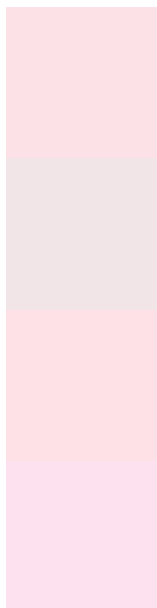
Deuteranopia

92, 11.187, 6.879



Tritanopia
92, 13.922, 338.512

Trichromacy



Original Color

92, 9.643, 7.717

Protanomaly

92, 4.924, 1.317

Deuteranomaly

92, 10.829, 6.398

Tritanomaly

92, 12.083, 346.554

Monochromacy



Original Color

92, 9.643, 7.717

Achromatopsia

93, 0.011, 296.813

Achromatomaly

92, 3.732, 3.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.643, 7.717 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(252, 226, 230)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 230)  
}
```

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(252, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.643, 7.717 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(252, 226, 230) }
```

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

```
.border{ border-color:rgb(252, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.643, 7.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 230) }
```

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

```
.background{ background-color: rgb(252,  
226, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor