

Converting Colors

CIELCh(92, 6.505, 19.704)

Have a look what the booklet for
CIELCh(92, 6.505, 19.704) contains.

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Color

CIELCh(92, 6.510, 19.766)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4E4
RGB	246, 228, 228
RGB Percent	96%, 89%, 89%
CMY	0.0352, 0.1057, 0.1058
CMYK	0.00, 0.07, 0.07, 0.04
HSL	0°, 50%, 93%
HSV	0°, 7%, 96%
XYZ	79.7757, 80.7044, 84.7933
YIQ	233.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

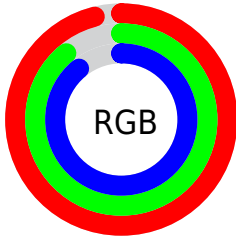
Format	Color
R _Y B	246, 228, 228
Decimal	16180452
CIE Lab	92.00, 6.13, 2.20
CIE LCh	92, 6.510, 19.766
Yxy	80.7044, 0.3253, 0.3290
Android (android.graphics.Color)	4294370532 (0xFFFF6E4E4)
YUV	233.3820, -2.6533, 11.0660
Hunter-Lab	89.8356, 1.2989, 6.9228

Details

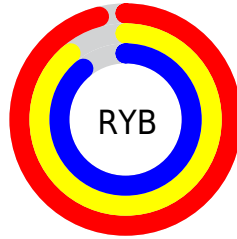
The CIELCh color **92, 6.510, 19.766** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 6.214, 199.125**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 6.493, 19.886** is the 20% darker color. If you saturate the color by 10%, you get **85, 16.029, 20.616**, and if you desaturate by 10%, it is **99, 2.293, 199.566**.

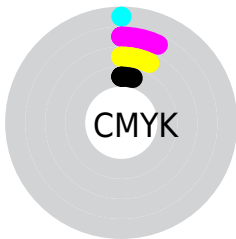
Distribution



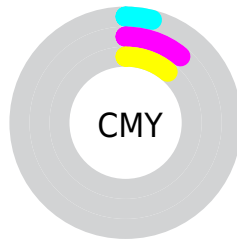
- Red (96%)
- Green (89%)
- Blue (89%)



- Red (96%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 6.510, 19.766 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, 6.510, 19.766 by changing the saturation by 10% instead.



92, 6.510, 19.766

92, 6.510, 19.766

85, 16.029, 20.616

99, 2.293, 199.566

79, 26.289, 21.637

99, 3.103, 199.422

73, 37.251, 22.961

67, 48.788, 24.693

62, 60.662, 26.949

58, 72.514, 29.816

55, 83.839, 33.245

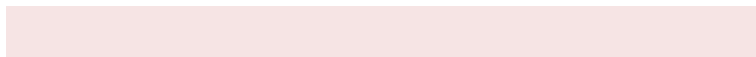
53, 93.755, 36.815

52, 100.389,
39.438

Harmonies

Complementary

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



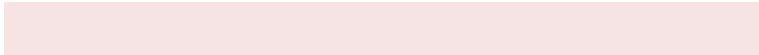
92, 6.510, 19.766



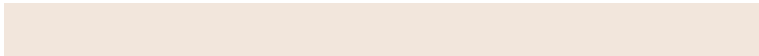
96, 6.214, 199.125

Rectangle

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



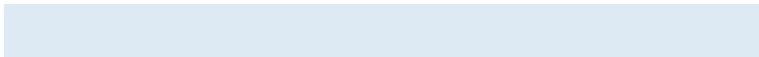
92, 6.510, 19.766



92, 6.510, 69.766



92, 6.510, 199.766



92, 6.510, 249.766

Sweetspot

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



92, 6.508, 19.785



99, 1.794, 19.178



92, 11.306, 324.819



53, 1.020, 19.153



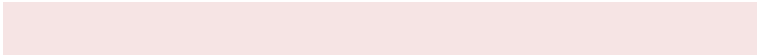
0, 0.000, 0.000



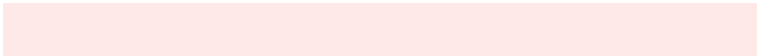
53, 0.007, 296.813

Same Dimension

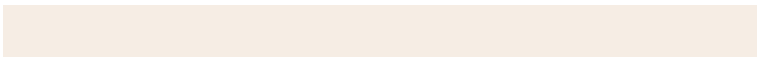
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 6.508, 19.785



94, 8.298, 19.922



94, 5.626, 74.449



48, 5.079, 19.959



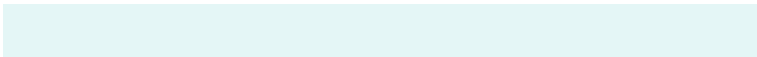
39, 82.547, 40.002



8, 31.019, 25.020

Inverse Universe

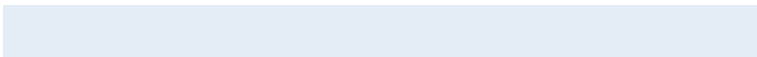
The Inverse Universe completely reimagines the original color for something new.



96, 6.214, 199.125



98, 7.837, 199.015



93, 5.538, 256.438



50, 4.782, 198.986



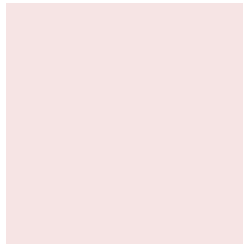
69, 39.547, 196.423



22, 17.584, 196.418

Previews

White Background



This preview shows how the CIELCh color 92, 6.510, 19.766 looks on a white background.

Color Contrast Check

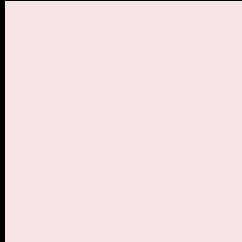
Large Text (above 18pt) WCAG AA × Fail

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, 6.510, 19.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

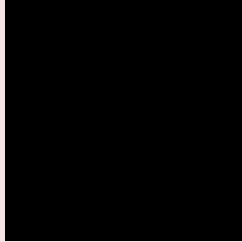
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

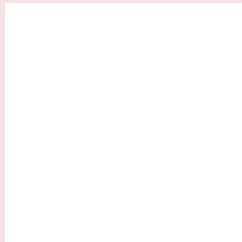
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 6.510, 19.766

Background



This preview shows how black text looks on a background with the CIELCh color 92, 6.510, 19.766.

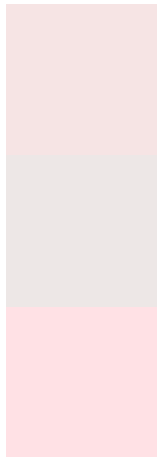


This preview shows how white text looks on a background with the CIELCh color 92, 6.510, 19.766.

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, 6.510, 19.766

Protanopia

92, 2.202, 32.805

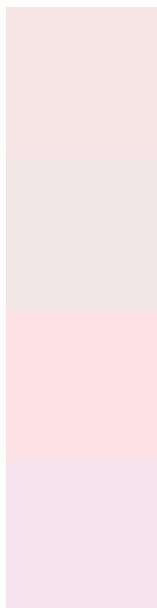
Deuteranopia

92, 11.095, 9.475



Tritanopia
92, 11.789, 332.037

Trichromacy



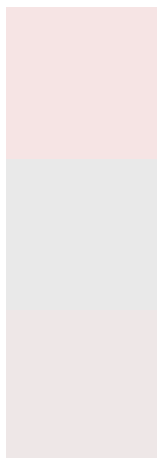
Original Color
92, 6.510, 19.766

Protanomaly
92, 3.626, 27.649

Deuteranomaly
92, 9.558, 10.740

Tritanomaly
92, 9.150, 341.649

Monochromacy



Original Color
92, 6.510, 19.766

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 2.504, 19.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 6.510, 19.766 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(246, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 228)  
}
```

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(246, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 6.510, 19.766 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(246, 228, 228) }
```

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

```
.border{ border-color:rgb(246, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 228, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 228, 228); box-shadow:4px 4px 4px 4px rgb(246, 228, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 6.510, 19.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 228) }
```

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

```
.background{ background-color: rgb(246,  
228, 228) }
```

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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