

Converting Colors

CIELCh(92, 5.856, 10.946)

Have a look what the booklet for
CIELCh(92, 5.856, 10.946) contains.

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Color

CIELCh(92, 5.860, 9.587)

Conversions

Conversions Part 1

Format	Color
Hex	F4E4E6
RGB	244, 228, 230
RGB Percent	96%, 89%, 90%
CMY	0.0418, 0.1045, 0.0967
CMYK	0.00, 0.07, 0.06, 0.04
HSL	353°, 43%, 93%
HSV	353°, 7%, 96%
XYZ	79.5991, 80.7044, 86.4989
YIQ	233.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

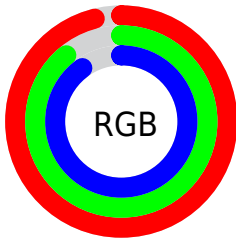
Format	Color
R_{YB}	244, 228, 230
Decimal	16049382
CIE Lab	92.00, 5.78, 0.98
CIE LCh	92, 5.860, 9.587
Yxy	80.7044, 0.3225, 0.3270
Android (android.graphics.Color)	4294239462 (0xFF4E4E6)
YUV	233.0120, -1.4849, 9.6365
Hunter-Lab	89.8356, 0.9480, 5.7971

Details

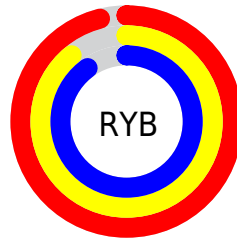
The CIELCh color **92, 5.860, 9.587** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **95, 5.673, 188.724**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 5.804, 9.064** is the 20% darker color. If you saturate the color by 10%, you get **86, 15.273, 10.661**, and if you desaturate by 10%, it is **99, 2.984, 189.088**.

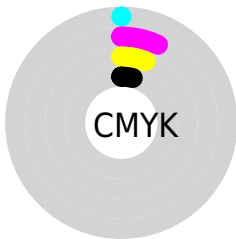
Distribution



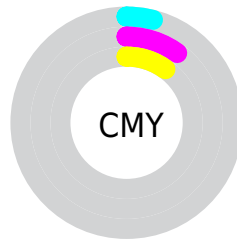
- Red (96%)
- Green (89%)
- Blue (90%)



- Red (96%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 5.860, 9.587 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, 5.860, 9.587 by changing the saturation by 10% instead.

92, 5.860, 9.587

92, 5.860, 9.587

100, 5.860, 9.587

82, 5.860, 9.587

72, 5.860, 9.587

62, 5.860, 9.587

52, 5.860, 9.587

42, 5.860, 9.587

32, 5.860, 9.587

22, 5.860, 9.587

12, 5.860, 9.587

2, 5.860, 9.587

92, 5.860, 9.587

92, 5.860, 9.587

86, 15.273, 10.661

99, 2.984, 189.088

79, 25.241, 11.883

99, 3.679, 199.352

73, 35.676, 13.384

68, 46.405, 15.269

63, 57.148, 17.664

58, 67.538, 20.711

55, 77.200, 24.518

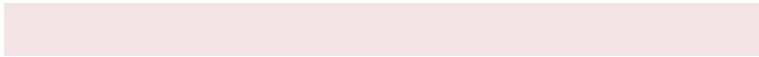
53, 85.846, 29.041

51, 93.206, 33.868

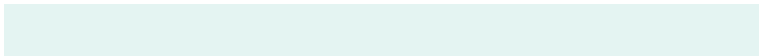
Harmonies

Complementary

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



92, 5.860, 9.587



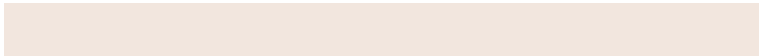
95, 5.673, 188.724

Rectangle

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



92, 5.860, 9.587



92, 5.860, 59.587



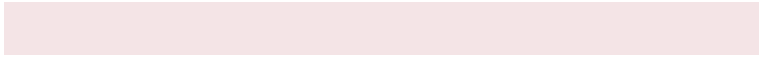
92, 5.860, 189.587



92, 5.860, 239.587

Sweetspot

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



92, 5.858, 9.605



99, 1.828, 8.968



92, 9.656, 321.047



53, 1.039, 8.941



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

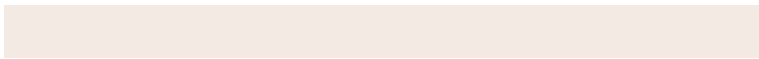
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.858, 9.605



95, 7.443, 9.759



93, 4.721, 59.109



48, 5.139, 9.910



39, 77.112, 34.519



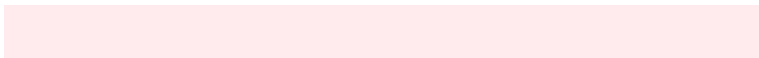
8, 30.316, 19.938

Inverse Universe

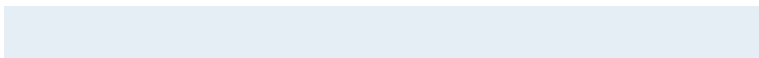
The Inverse Universe completely reimagines the original color for something new.



92, 5.858, 9.605



95, 7.443, 9.759



94, 4.592, 240.587



48, 5.139, 9.910



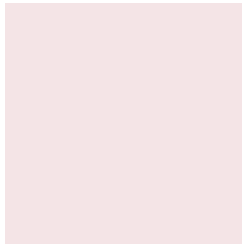
39, 77.112, 34.519



8, 30.316, 19.938

Previews

White Background



This preview shows how the CIELCh color 92, 5.860, 9.587 looks on a white background.

Color Contrast Check

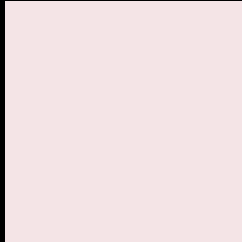
Large Text (above 18pt) WCAG AA × Fail

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, 5.860, 9.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

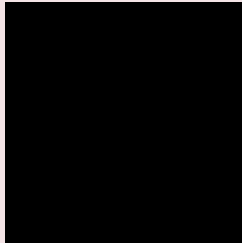
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

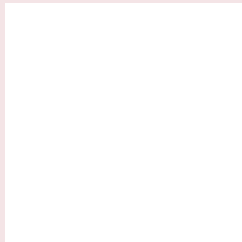
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 5.860, 9.587

Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.860, 9.587.

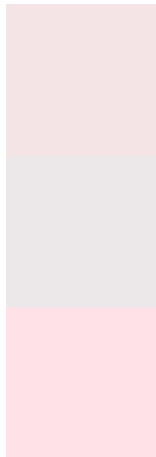


This preview shows how white text looks on a background with the CIELCh color 92, 5.860, 9.587.

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

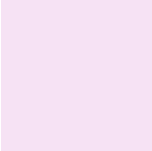
92, 5.860, 9.587

Protanopia

92, 1.865, 3.132

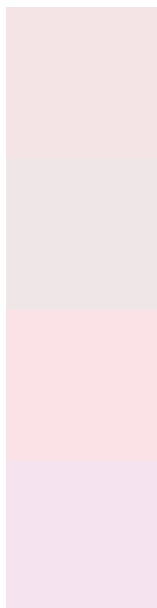
Deuteranopia

92, 11.302, 4.332



Tritanopia
92, 11.736, 327.716

Trichromacy



Original Color

92, 5.860, 9.587

Protanomaly

92, 3.270, 10.371

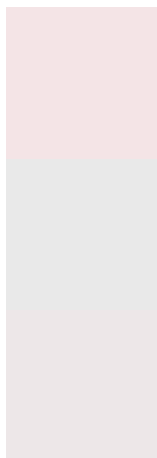
Deuteranomaly

92, 9.401, 4.133

Tritanomaly

92, 8.951, 336.139

Monochromacy



Original Color

92, 5.860, 9.587

Achromatopsia

92, 0.011, 296.813

Achromatomaly

92, 2.211, 5.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 5.860, 9.587 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(244, 228, 230)` looks like.

```
.text, #text, p{  
    color:rgb(244, 228, 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(244, 228, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 228, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 5.860, 9.587 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(244, 228, 230) }
```

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

```
.border{ border-color:rgb(244, 228, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 228, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 228, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 228, 230); box-shadow:4px 4px 4px 4px rgb(244, 228, 230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 5.860, 9.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 228, 230) }
```

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

```
.background{ background-color: rgb(244,  
228, 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](#).

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