

Converting Colors

CIELCh(100, 36.778, 17.448)

Have a look what the booklet for
CIELCh(100, 36.778, 17.448)
contains.

CIELCh(93, 9.866, 1.857)	3
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Color

CIELCh(93, 9.866, 1.857)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5EB
RGB	255, 229, 235
RGB Percent	100%, 90%, 92%
CMY	0.0016, 0.1035, 0.0800
CMYK	0.00, 0.10, 0.08, 0.00
HSL	346°, 97%, 95%
HSV	346°, 10%, 100%
XYZ	83.9278, 82.9670, 89.8767
YIQ	237.4580, 13.5700, 7.3780

Conversions

Conversions Part 2

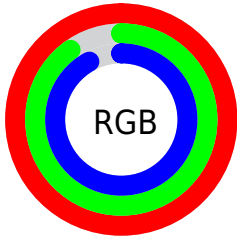
Format	Color
R _Y B	255, 229, 235
Decimal	16770539
CIE Lab	93.00, 9.86, 0.32
CIE LCh	93, 9.866, 1.857
Yxy	82.9670, 0.3269, 0.3231
Android (android.graphics.Color)	4294960619 (0xFFFFE5EB)
YUV	237.4580, -1.2118, 15.3843
Hunter-Lab	91.0862, 5.0709, 5.2577

Details

The CIELCh color **93, 9.866, 1.857** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 9.504, 180.067**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.514, 3.723** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.995, 3.025**, and if you desaturate by 10%, it is **100, 0.200, 357.963**.

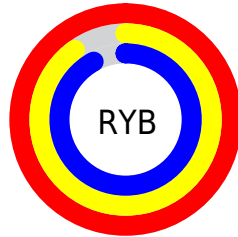
Distribution



Red (100%)

Green (90%)

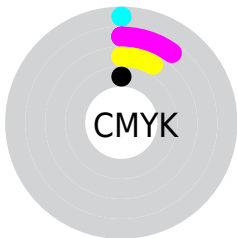
Blue (92%)



Red (100%)

Yellow (90%)

Blue (92%)

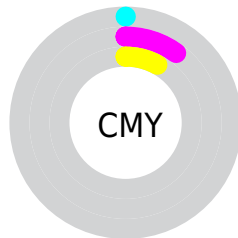


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.866, 1.857 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 93, 9.866, 1.857 by changing the saturation by 10% instead.

 93, 9.866, 1.857

 93, 9.866, 1.857

 100, 9.866, 1.857

 83, 9.866, 1.857

 73, 9.866, 1.857

 63, 9.866, 1.857

 53, 9.866, 1.857

 43, 9.866, 1.857

 33, 9.866, 1.857

 23, 9.866, 1.857

 13, 9.866, 1.857

 3, 9.866, 1.857

93, 9.866, 1.857

93, 9.866, 1.857

86, 19.995, 3.025

100, 0.200,
357.963

80, 30.513, 4.379

100, 0.145,
203.975

74, 41.251, 6.016

69, 51.933, 8.042

64, 62.171, 10.593

60, 71.513, 13.833

56, 79.585, 17.914

54, 86.284, 22.879

53, 91.891, 28.267

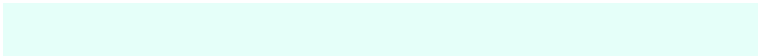
Harmonies

Complementary

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



93, 9.866, 1.857



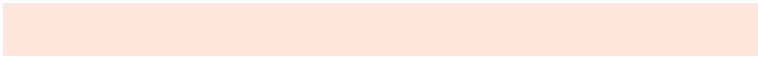
98, 9.504, 180.067

Rectangle

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



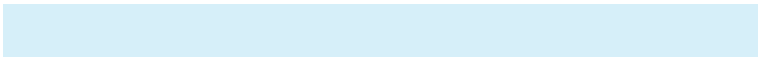
93, 9.866, 1.857



93, 9.866, 51.857



93, 9.866, 181.857



93, 9.866, 231.857

Sweetspot

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



93, 9.864, 1.866



98, 2.853, 1.008



93, 15.170, 318.234



52, 2.167, 1.127



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

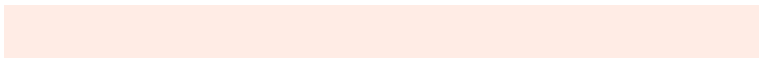
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.864, 1.866



92, 11.663, 2.065



95, 7.775, 46.855



50, 5.492, 1.789



40, 73.485, 27.211



10, 31.806, 17.108

Inverse Universe

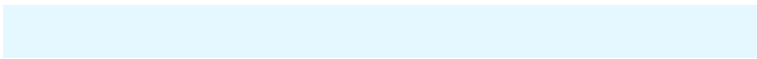
The Inverse Universe completely reimagines the original color for something new.



93, 9.864, 1.866



92, 11.663, 2.065



96, 7.327, 228.160



50, 5.492, 1.789



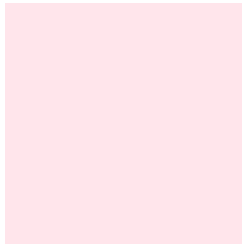
40, 73.485, 27.211



10, 31.806, 17.108

Previews

White Background



This preview shows how the CIELCh color 93, 9.866, 1.857 looks on a white background.

Color Contrast Check

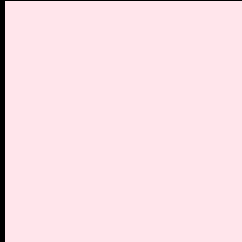
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.866, 1.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

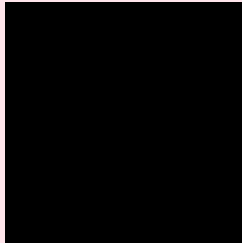
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 9.866, 1.857

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.866, 1.857.

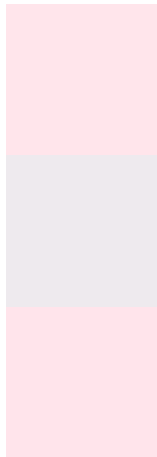


This preview shows how white text looks on a background with the CIELCh color 93, 9.866, 1.857.

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


93, 9.866, 1.857

Protanopia

93, 2.524, 324.418

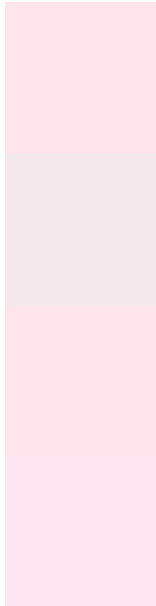
Deuteranopia

93, 10.377, 359.819



Tritanopia
93, 13.289, 339.105

Trichromacy



Original Color

93, 9.866, 1.857

Protanomaly

93, 5.014, 348.734

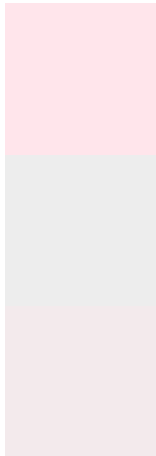
Deuteranomaly

93, 10.377, 359.819

Tritanomaly

93, 11.758, 345.534

Monochromacy



Original Color

93, 9.866, 1.857

Achromatopsia

94, 0.011, 296.813

Achromatomaly

93, 3.380, 1.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.866, 1.857 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(255, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 235)  
}
```

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(255, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.866, 1.857 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(255, 229, 235) }
```

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

```
.border{ border-color:rgb(255, 229, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.866, 1.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 235) }
```

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

```
.background{ background-color: rgb(255,  
229, 235) }
```

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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