

Converting Colors

CIELCh(93, 9.972, 3.137)

Have a look what the booklet for
CIELCh(93, 9.972, 3.137) contains.

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Color

CIELCh(93, 9.729, 4.743)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5EA
RGB	255, 229, 234
RGB Percent	100%, 90%, 92%
CMY	0.0014, 0.1033, 0.0837
CMYK	0.00, 0.10, 0.08, 0.00
HSL	348°, 97%, 95%
HSV	348°, 10%, 100%
XYZ	83.8412, 82.9670, 89.1819
YIQ	237.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

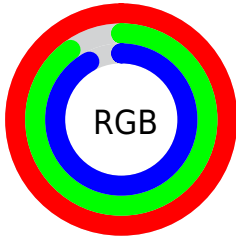
Format	Color
R _Y B	255, 229, 234
Decimal	16770538
CIE Lab	93.00, 9.70, 0.80
CIE LCh	93, 9.729, 4.743
Yxy	82.9670, 0.3275, 0.3241
Android (android.graphics.Color)	4294960618 (0xFFFFE5EA)
YUV	237.3440, -1.6486, 15.4843
Hunter-Lab	91.0862, 4.9011, 5.7100

Details

The CIELCh color **93, 9.729, 4.743** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 9.330, 183.001**, 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, 9.391, 6.898** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.770, 5.903**, and if you desaturate by 10%, it is **100, 0.195, 0.712**.

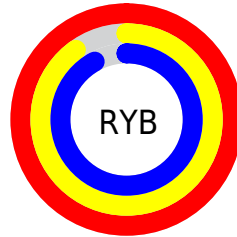
Distribution



Red (100%)

Green (90%)

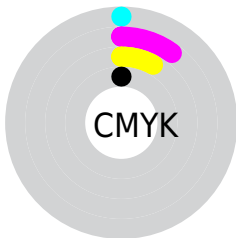
Blue (92%)



Red (100%)

Yellow (90%)

Blue (92%)

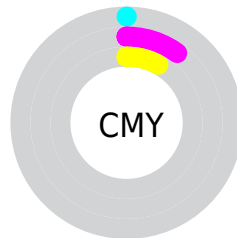


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.729, 4.743 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, 9.729, 4.743 by changing the saturation by 10% instead.

 93, 9.729, 4.743

 93, 9.729, 4.743

 100, 9.729, 4.743

 83, 9.729, 4.743

 73, 9.729, 4.743

 63, 9.729, 4.743

 53, 9.729, 4.743

 43, 9.729, 4.743

 33, 9.729, 4.743

 23, 9.729, 4.743

 13, 9.729, 4.743

 3, 9.729, 4.743

93, 9.729, 4.743

93, 9.729, 4.743

86, 19.770, 5.903

100, 0.195, 0.712

80, 30.257, 7.258

100, 0.119,
204.963

74, 41.037, 8.911

68, 51.855, 10.970

64, 62.344, 13.575

59, 72.075, 16.882

56, 80.690, 21.021

54, 88.060, 25.976

53, 94.305, 31.181

Harmonies

Complementary

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



93, 9.729, 4.743



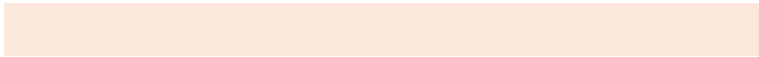
98, 9.330, 183.001

Rectangle

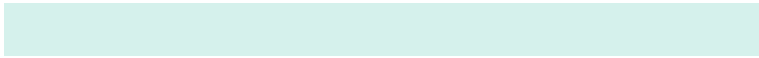
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



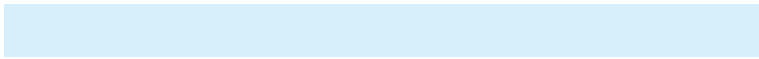
93, 9.729, 4.743



93, 9.729, 54.743



93, 9.729, 184.743



93, 9.729, 234.743

Sweetspot

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



93, 9.727, 4.753



98, 2.809, 3.900



93, 15.310, 319.250



52, 2.133, 4.020



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

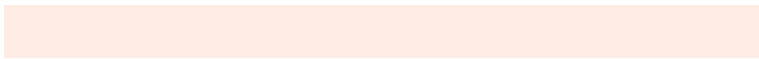
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.727, 4.753



92, 11.506, 4.950



95, 7.714, 50.813



50, 5.415, 4.677



40, 75.332, 30.175



10, 32.030, 19.121

Inverse Universe

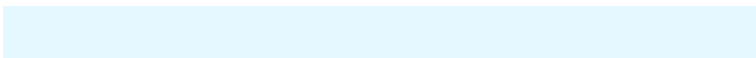
The Inverse Universe completely reimagines the original color for something new.



93, 9.727, 4.753



92, 11.506, 4.950



96, 7.296, 232.422



50, 5.415, 4.677



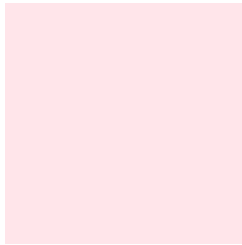
40, 75.332, 30.175



10, 32.030, 19.121

Previews

White Background



This preview shows how the CIE LCh color 93, 9.729, 4.743 looks on a white background.

Color Contrast Check

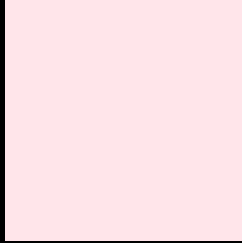
Large Text (above 18pt) WCAG AA × Fail

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, 9.729, 4.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

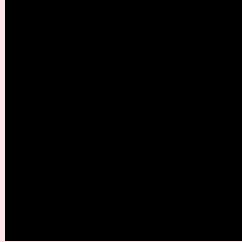
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 9.729, 4.743

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.729, 4.743.

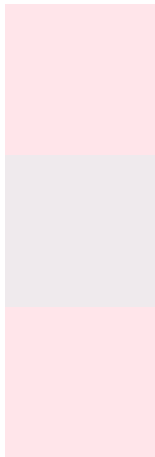


This preview shows how white text looks on a background with the CIELCh color 93, 9.729, 4.743.

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, 9.729, 4.743

Protanopia

93, 2.373, 338.610

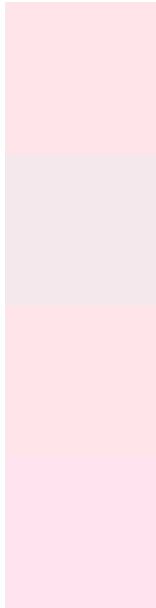
Deuteranopia

93, 9.729, 4.743



Tritanopia
93, 13.289, 339.105

Trichromacy



Original Color

93, 9.729, 4.743

Protanomaly

93, 5.096, 355.816

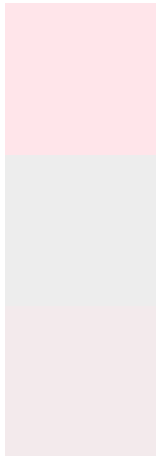
Deuteranomaly

93, 9.729, 4.743

Tritanomaly

93, 11.481, 347.659

Monochromacy



Original Color

93, 9.729, 4.743

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, 9.729, 4.743 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, 234)` looks like.

```
.text, #text, p{  
  color:rgb(255, 229, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.729, 4.743 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, 234) }
```

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

```
.border{ border-color:rgb(255, 229, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.729, 4.743 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
229, 234) }
```

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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