

Converting Colors

CIELCh(96, 22.451, 24.869)

Have a look what the booklet for
CIELCh(96, 22.451, 24.869) contains.

CIELCh(93, 9.617, 29.186)	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(93, 9.617, 29.186)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E2
RGB	255, 229, 226
RGB Percent	100%, 90%, 89%
CMY	0.0000, 0.1011, 0.1129
CMYK	0.00, 0.10, 0.11, 0.00
HSL	6°, 100%, 94%
HSV	6°, 11%, 100%
XYZ	83.1613, 82.9670, 83.7414
YIQ	236.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

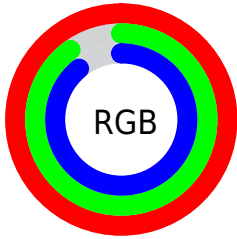
Format	Color
R _Y B	255, 229, 226
Decimal	16770530
CIE Lab	93.00, 8.40, 4.69
CIE LCh	93, 9.617, 29.186
Yxy	82.9670, 0.3328, 0.3320
Android (android.graphics.Color)	4294960610 (0xFFFFE5E2)
YUV	236.4320, -5.1430, 16.2841
Hunter-Lab	91.0862, 3.5688, 9.2512

Details

The CIELCh color **93, 9.617, 29.186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 8.848, 208.962**, 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, 9.412, 30.006** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.749, 29.724**, and if you desaturate by 10%, it is **99, 1.041, 28.441**.

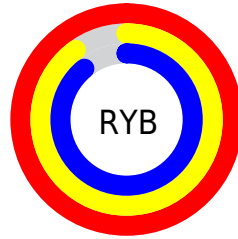
Distribution



Red (100%)

Green (90%)

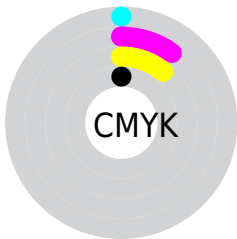
Blue (89%)



Red (100%)

Yellow (90%)

Blue (89%)

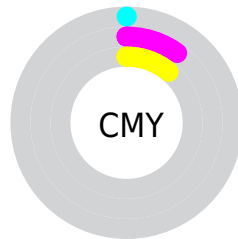


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (0%)



Cyan (0%)













Magenta (10%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.617, 29.186 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, 9.617, 29.186 by changing the saturation by 10% instead.

 93, 9.617, 29.186	 93, 9.617, 29.186
 100, 9.617, 29.186	 83, 9.617, 29.186
	 73, 9.617, 29.186
	 63, 9.617, 29.186
	 53, 9.617, 29.186
	 43, 9.617, 29.186
	 33, 9.617, 29.186
	 23, 9.617, 29.186
	 13, 9.617, 29.186
	 3, 9.617, 29.186

93, 9.617, 29.186

93, 9.617, 29.186

87, 18.749, 29.724

99, 1.041, 28.441

81, 28.730, 30.346

100, 0.012,
296.813

75, 39.475, 31.218

70, 50.918, 32.408

65, 62.897, 33.978

61, 75.097, 35.937

58, 86.914, 38.140

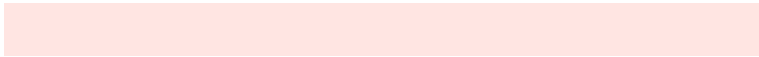
55, 97.026, 40.059

54, 102.957,
40.975

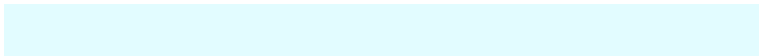
Harmonies

Complementary

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



93, 9.617, 29.186



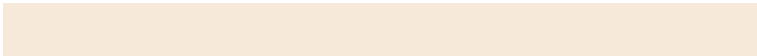
97, 8.848, 208.962

Rectangle

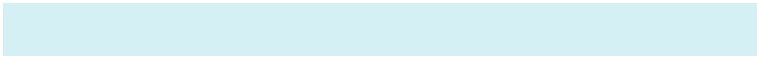
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



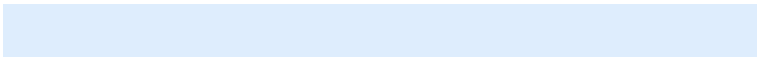
93, 9.617, 29.186



93, 9.617, 79.186



93, 9.617, 209.186



93, 9.617, 259.186

Sweetspot

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



93, 9.532, 29.277



98, 2.448, 28.846



93, 16.804, 327.910



52, 1.862, 28.922



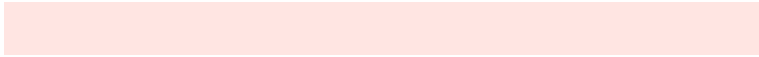
0, 0.000, 0.000



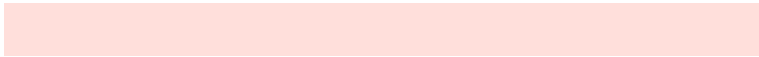
53, 0.007, 296.813

Same Dimension

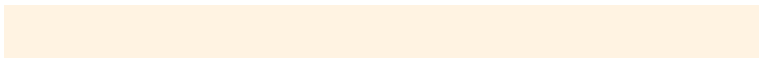
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.532, 29.277



91, 11.960, 29.386



96, 9.742, 83.938



50, 4.767, 29.206



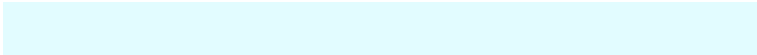
41, 82.618, 41.216



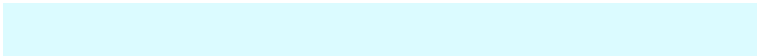
11, 31.415, 32.293

Inverse Universe

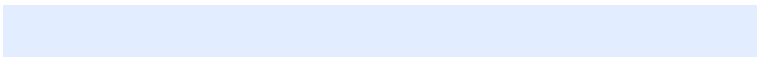
The Inverse Universe completely reimagines the original color for something new.



97, 8.848, 208.962



97, 10.892, 208.925



94, 9.639, 267.001



52, 4.479, 208.995



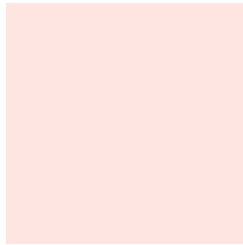
64, 35.827, 215.137



21, 16.643, 212.615

Previews

White Background



This preview shows how the CIELCh color 93, 9.617, 29.186 looks on a white background.

Color Contrast Check

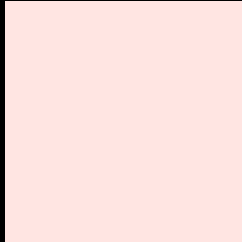
Large Text (above 18pt) WCAG AA × Fail

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, 9.617, 29.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

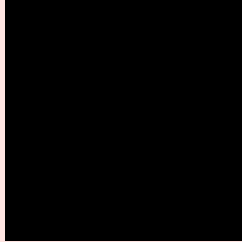
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

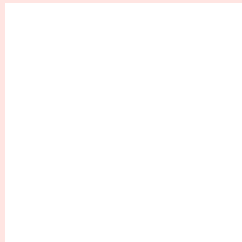
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.617, 29.186

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.617, 29.186.

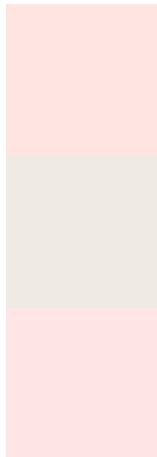


This preview shows how white text looks on a background with the CIELCh color 93, 9.617, 29.186.

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, 9.617, 29.186

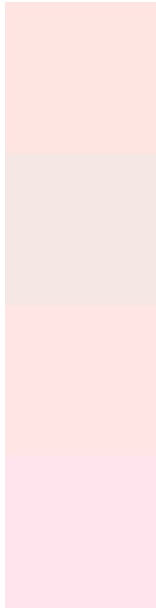
Protanopia
93, 3.336, 69.675

Deuteranopia
93, 9.448, 19.999



Tritanopia
93, 12.962, 340.828

Trichromacy



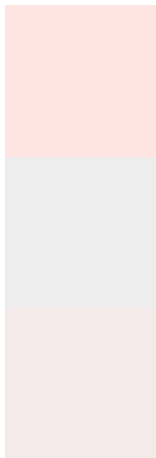
Original Color
93, 9.617, 29.186

Protanomaly
93, 5.115, 43.270

Deuteranomaly
93, 9.477, 23.095

Tritanomaly
93, 10.757, 354.656

Monochromacy



Original Color
93, 9.617, 29.186

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.614, 27.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.617, 29.186 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.617, 29.186 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, 226) }
```

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

```
.border{ border-color:rgb(255, 229, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.617, 29.186 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
229, 226) }
```

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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