

Converting Colors

CIELCh(93, 10.088, 23.926)

Have a look what the booklet for
CIELCh(93, 10.088, 23.926) contains.

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Color

CIELCh(93, 9.533, 26.163)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E3
RGB	255, 229, 227
RGB Percent	100%, 90%, 89%
CMY	0.0000, 0.1013, 0.1092
CMYK	0.00, 0.10, 0.11, 0.00
HSL	4°, 100%, 95%
HSV	4°, 11%, 100%
XYZ	83.2450, 82.9670, 84.4100
YIQ	236.5460, 16.1380, 4.8900

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 229, 227
Decimal	16770531
CIE _{Lab}	93.00, 8.56, 4.20
CIE _{LCh}	93, 9.533, 26.163
Yxy	82.9670, 0.3322, 0.3310
Android (android.graphics.Color)	4294960611 (0xFFFFE5E3)
YUV	236.5460, -4.7062, 16.1842
Hunter-Lab	91.0862, 3.7327, 8.8161

Details

The CIELCh color **93, 9.533, 26.163** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **98, 8.818, 205.618**, 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, 9.314, 26.769** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.917, 26.803**, and if you desaturate by 10%, it is **99, 0.766, 25.016**.

Distribution



Red (100%)

Green (90%)

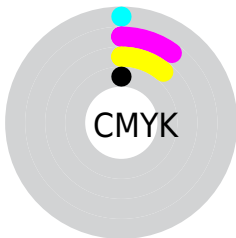
Blue (89%)



Red (100%)

Yellow (90%)

Blue (89%)

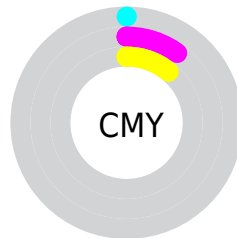


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.533, 26.163 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, 9.533, 26.163 by changing the saturation by 10% instead.

 93, 9.533, 26.163

 93, 9.533, 26.163

 100, 9.533, 26.163

 83, 9.533, 26.163

 73, 9.533, 26.163

 63, 9.533, 26.163

 53, 9.533, 26.163

 43, 9.533, 26.163

 33, 9.533, 26.163

 23, 9.533, 26.163

 13, 9.533, 26.163

 3, 9.533, 26.163

93, 9.533, 26.163

93, 9.533, 26.163

87, 18.917, 26.803

99, 0.766, 25.016

81, 29.127, 27.586

100, 0.012,
296.813

75, 40.087, 28.645

69, 51.707, 30.060

65, 63.794, 31.906

60, 76.009, 34.210

57, 87.749, 36.833

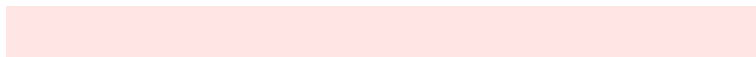
55, 97.727, 39.228

54, 103.626,
40.564

Harmonies

Complementary

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



93, 9.533, 26.163



98, 8.818, 205.618

Rectangle

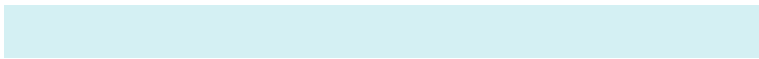
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



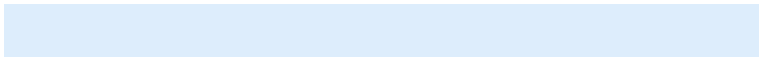
93, 9.533, 26.163



93, 9.533, 76.163



93, 9.533, 206.163



93, 9.533, 256.163

Sweetspot

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



93, 9.474, 26.212



98, 2.519, 25.693



93, 16.636, 326.889



52, 1.916, 25.779



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, 9.474, 26.212



92, 11.376, 26.324



96, 9.157, 80.841



50, 4.904, 26.136



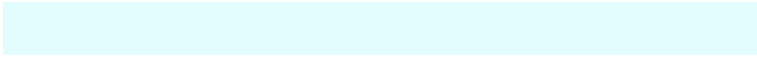
40, 83.221, 40.748



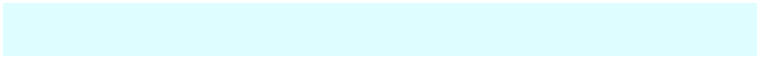
10, 31.969, 30.698

Inverse Universe

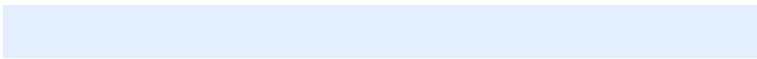
The Inverse Universe completely reimagines the original color for something new.



98, 8.818, 205.618



97, 10.436, 205.557



94, 9.018, 263.812



52, 4.609, 205.665



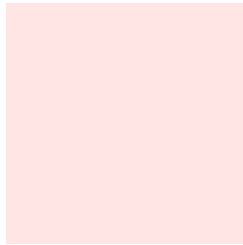
66, 36.853, 208.758



22, 17.110, 207.135

Previews

White Background



This preview shows how the CIELCh color 93, 9.533, 26.163 looks on a white background.

Color Contrast Check

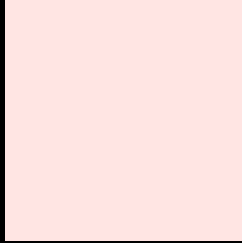
Large Text (above 18pt) WCAG AA × Fail

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, 9.533, 26.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

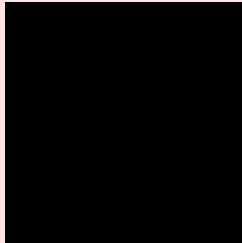
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

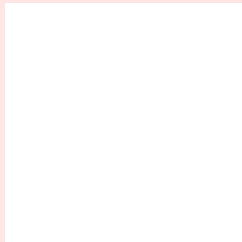
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.533, 26.163

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.533, 26.163.

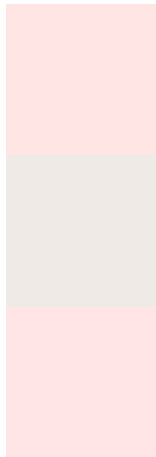


This preview shows how white text looks on a background with the CIELCh color 93, 9.533, 26.163.

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, 9.533, 26.163

Protanopia

93, 2.959, 63.299

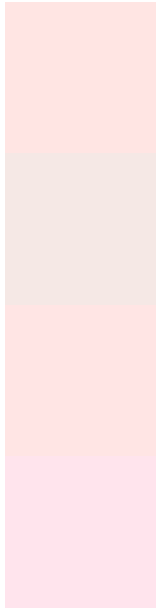
Deuteranopia

93, 9.448, 19.999



Tritanopia
93, 12.962, 340.828

Trichromacy



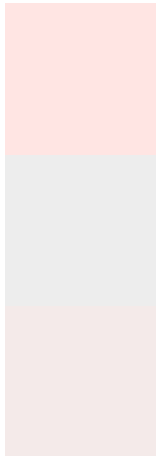
Original Color
93, 9.533, 26.163

Protanomaly
93, 4.927, 37.817

Deuteranomaly
93, 9.477, 23.095

Tritanomaly
93, 10.757, 354.656

Monochromacy



Original Color
93, 9.533, 26.163

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, 9.533, 26.163 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.533, 26.163 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, 227) }
```

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

```
.border{ border-color:rgb(255, 229, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.533, 26.163 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
229, 227) }
```

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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