

Converting Colors

CIELCh(93, 9.954, 31.880)

Have a look what the booklet for
CIELCh(93, 9.954, 31.880) contains.

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Color

CIELCh(93, 9.728, 32.147)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E1
RGB	255, 229, 225
RGB Percent	100%, 90%, 88%
CMY	0.0000, 0.1008, 0.1165
CMYK	0.00, 0.10, 0.12, 0.00
HSL	8°, 100%, 94%
HSV	8°, 12%, 100%
XYZ	83.0782, 82.9670, 83.0762
YIQ	236.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

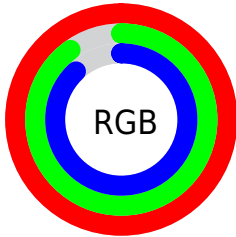
Format	Color
R _Y B	255, 230, 225
Decimal	16770529
CIE Lab	93.00, 8.24, 5.18
CIE LCh	93, 9.728, 32.147
Yxy	82.9670, 0.3335, 0.3330
Android (android.graphics.Color)	4294960609 (0xFFFFE5E1)
YUV	236.3180, -5.5798, 16.3841
Hunter-Lab	91.0862, 3.4058, 9.6843

Details

The CIELCh color **93, 9.728, 32.147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 8.908, 212.278**, 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, 9.541, 33.163** is the 20% darker color. If you saturate the color by 10%, you get **87, 18.645, 32.598**, and if you desaturate by 10%, it is **99, 1.307, 31.720**.

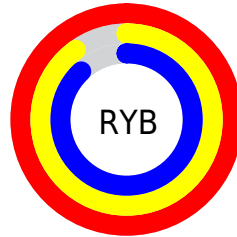
Distribution



Red (100%)

Green (90%)

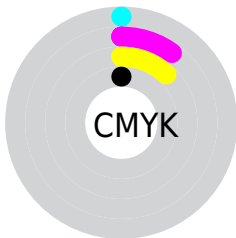
Blue (88%)



Red (100%)

Yellow (90%)

Blue (88%)

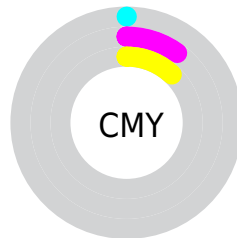


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (0%)



Cyan (0%)










Magenta (10%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.728, 32.147 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, 9.728, 32.147 by changing the saturation by 10% instead.

 93, 9.728, 32.147	 93, 9.728, 32.147
 100, 9.728, 32.147	 83, 9.728, 32.147
	 73, 9.728, 32.147
	 63, 9.728, 32.147
	 53, 9.728, 32.147
	 43, 9.728, 32.147
	 33, 9.728, 32.147
	 23, 9.728, 32.147
	 13, 9.728, 32.147
	 3, 9.728, 32.147

93, 9.728, 32.147

93, 9.728, 32.147

87, 18.645, 32.598

99, 1.307, 31.720

81, 28.431, 33.060

100, 0.012,
296.813

76, 38.987, 33.748

71, 50.265, 34.721

66, 62.127, 36.027

62, 74.279, 37.662

58, 86.111, 39.472

56, 96.276, 40.943

54, 102.154,
41.485

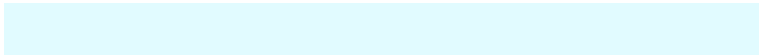
Harmonies

Complementary

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



93, 9.728, 32.147



97, 8.908, 212.278

Rectangle

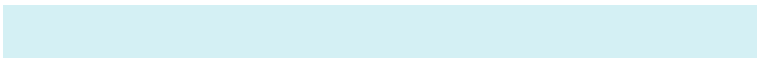
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



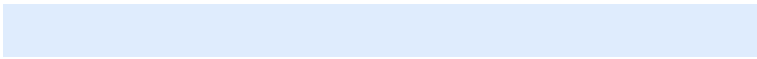
93, 9.728, 32.147



93, 9.728, 82.147



93, 9.728, 212.147



93, 9.728, 262.147

Sweetspot

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



93, 9.619, 32.294



98, 2.389, 31.962



93, 16.953, 328.982



52, 1.817, 32.029



0, 0.000, 0.000



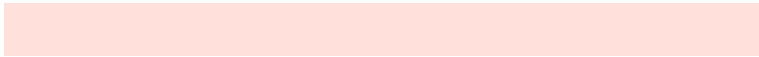
53, 0.007, 296.813

Same Dimension

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



93, 9.619, 32.294



92, 11.673, 32.356



97, 10.371, 86.853



50, 4.652, 32.239



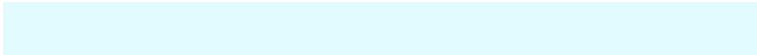
41, 81.915, 41.780



11, 30.934, 33.791

Inverse Universe

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



97, 8.908, 212.278



96, 10.632, 212.282



93, 10.309, 269.985



52, 4.372, 212.285



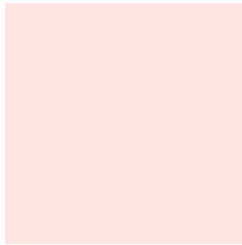
62, 35.245, 221.477



20, 16.335, 218.059

Previews

White Background



This preview shows how the CIELCh color 93, 9.728, 32.147 looks on a white background.

Color Contrast Check

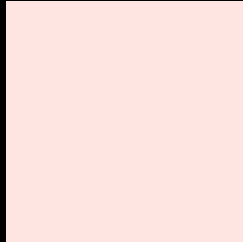
Large Text (above 18pt) WCAG AA × Fail

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, 9.728, 32.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

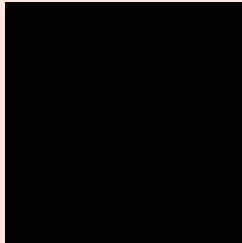
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

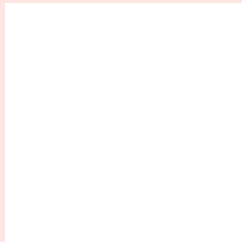
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.728, 32.147

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.728, 32.147.

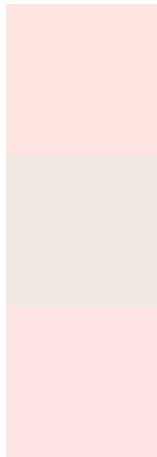


This preview shows how white text looks on a background with the CIELCh color 93, 9.728, 32.147.

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, 9.728, 32.147

Protanopia

93, 3.964, 70.398

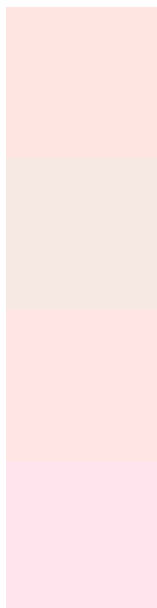
Deuteranopia

93, 9.477, 23.095



Tritanopia
93, 12.962, 340.828

Trichromacy



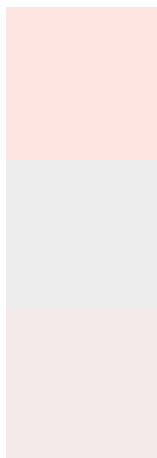
Original Color
93, 9.728, 32.147

Protanomaly
93, 5.672, 46.531

Deuteranomaly
93, 9.533, 26.163

Tritanomaly
93, 10.757, 354.656

Monochromacy



Original Color
93, 9.728, 32.147

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, 9.728, 32.147 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.728, 32.147 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, 225) }
```

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

```
.border{ border-color:rgb(255, 229, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.728, 32.147 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
229, 225) }
```

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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