

Converting Colors

CIELCh(93, 10.064, 13.341)

Have a look what the booklet for
CIELCh(93, 10.064, 13.341) contains.

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Color

CIE LCh(93, 9.905, 11.107)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E8
RGB	255, 229, 232
RGB Percent	100%, 90%, 91%
CMY	0.0000, 0.1037, 0.0919
CMYK	0.00, 0.10, 0.09, 0.00
HSL	353°, 100%, 95%
HSV	353°, 10%, 100%
XYZ	83.8537, 82.9670, 87.6132
YIQ	237.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

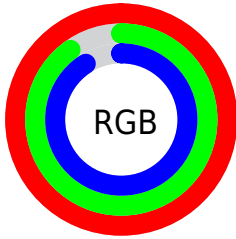
Format	Color
R _Y B	255, 229, 232
Decimal	16770536
CIE Lab	93.00, 9.72, 1.91
CIE LCh	93, 9.905, 11.107
Yxy	82.9670, 0.3296, 0.3261
Android (android.graphics.Color)	4294960616 (0xFFFFE5E8)
YUV	237.1160, -2.5222, 15.6843
Hunter-Lab	91.0862, 4.9256, 6.7311

Details

The CIELCh color **93, 9.905, 11.107** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **98, 9.201, 189.306**, 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, 9.237, 13.454** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.659, 11.994**, and if you desaturate by 10%, it is **100, 0.334, 8.184**.

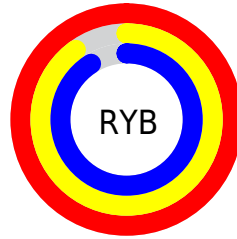
Distribution



Red (100%)

Green (90%)

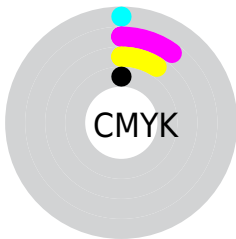
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

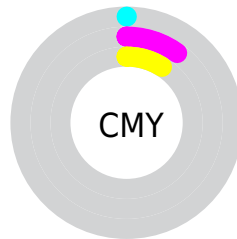


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)













Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.905, 11.107 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, 9.905, 11.107 by changing the saturation by 10% instead.

 93, 9.905, 11.107	 93, 9.905, 11.107
 100, 9.905, 11.107	 83, 9.905, 11.107
	 73, 9.905, 11.107
	 63, 9.905, 11.107
	 53, 9.905, 11.107
	 43, 9.905, 11.107
	 33, 9.905, 11.107
	 23, 9.905, 11.107
	 13, 9.905, 11.107
	 3, 9.905, 11.107

93, 9.905, 11.107

93, 9.905, 11.107

86, 19.659, 11.994

100, 0.334, 8.184

80, 30.192, 13.305

100, 0.012,
296.813

74, 41.176, 14.937

68, 52.394, 17.004

63, 63.520, 19.641

59, 74.160, 22.981

56, 83.944, 27.080

54, 92.568, 31.747

53, 99.416, 36.057

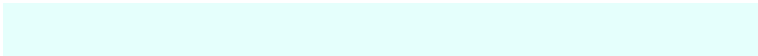
Harmonies

Complementary

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



93, 9.905, 11.107



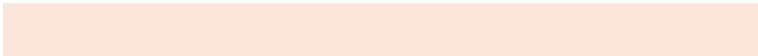
98, 9.201, 189.306

Rectangle

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



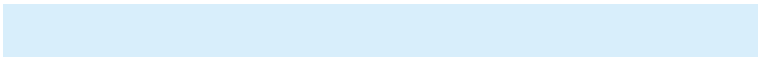
93, 9.905, 11.107



93, 9.905, 61.107



93, 9.905, 191.107



93, 9.905, 241.107

Sweetspot

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



93, 9.693, 10.906



98, 2.741, 10.080



93, 15.947, 321.724



52, 2.083, 10.197



0, 0.000, 0.000



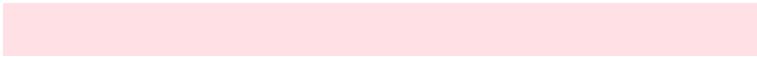
53, 0.007, 296.813

Same Dimension

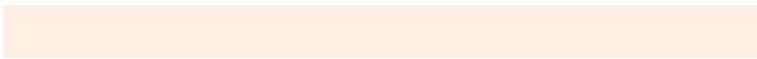
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.693, 10.906



92, 11.281, 11.073



95, 7.860, 60.791



50, 5.302, 10.818



40, 79.329, 35.252



10, 32.511, 22.559

Inverse Universe

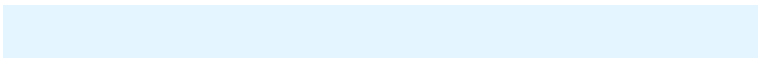
The Inverse Universe completely reimagines the original color for something new.



93, 9.693, 10.906



92, 11.281, 11.073



96, 7.517, 243.066



50, 5.302, 10.818



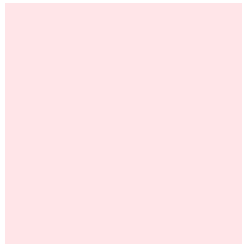
40, 79.329, 35.252



10, 32.511, 22.559

Previews

White Background



This preview shows how the CIELCh color 93, 9.905, 11.107 looks on a white background.

Color Contrast Check

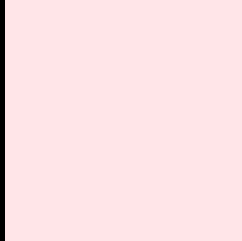
Large Text (above 18pt) WCAG AA × Fail

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, 9.905, 11.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

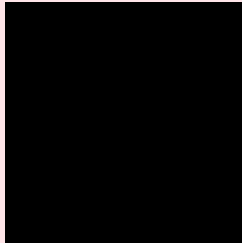
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

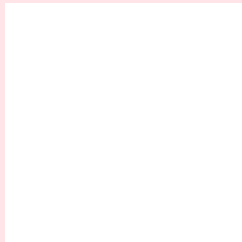
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.905, 11.107

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.905, 11.107.

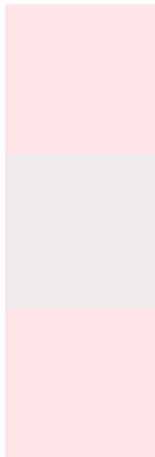


This preview shows how white text looks on a background with the CIELCh color 93, 9.905, 11.107.

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, 10.728

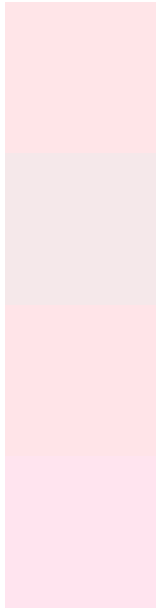
Protanopia
93, 1.861, 3.126

Deuteranopia
93, 9.985, 8.191



Tritanopia
93, 13.289, 339.105

Trichromacy



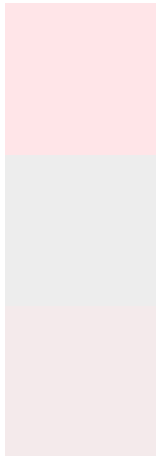
Original Color
93, 9.533, 10.728

Protanomaly
93, 4.776, 7.174

Deuteranomaly
93, 9.985, 8.191

Tritanomaly
93, 11.221, 349.888

Monochromacy



Original Color
93, 9.533, 10.728

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.614, 11.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.905, 11.107 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.905, 11.107 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, 232) }
```

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

```
.border{ border-color:rgb(255, 229, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.905, 11.107 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
229, 232) }
```

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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