

Converting Colors

CIE LCh(93, 9.367, 9.776)

Have a look what the booklet for
CIELCh(93, 9.367, 9.776) contains.

CIELCh(93, 9.172, 10.326)	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, 9.172, 10.326)

Conversions

Conversions Part 1

Format	Color
Hex	FEE5E8
RGB	254, 229, 232
RGB Percent	100%, 90%, 91%
CMY	0.0038, 0.1018, 0.0900
CMYK	0.00, 0.10, 0.09, 0.00
HSL	353°, 93%, 95%
HSV	353°, 10%, 100%
XYZ	83.4891, 82.9670, 87.9868
YIQ	236.8170, 13.9370, 6.2330

Conversions

Conversions Part 2

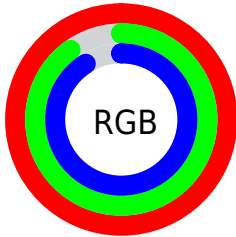
Format	Color
R _Y B	254, 229, 232
Decimal	16705000
CIE Lab	93.00, 9.02, 1.64
CIE LCh	93, 9.172, 10.326
Yxy	82.9670, 0.3281, 0.3261
Android (android.graphics.Color)	4294895080 (0xFFFE5E8)
YUV	236.8170, -2.3748, 15.0695
Hunter-Lab	91.0862, 4.2111, 6.4879

Details

The CIELCh color **93, 9.172, 10.326** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 8.734, 188.819**, 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, 8.851, 13.121** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.078, 11.426**, and if you desaturate by 10%, it is **100, 0.141, 194.039**.

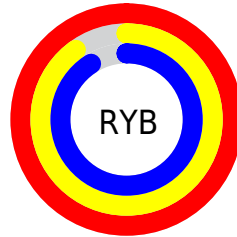
Distribution



Red (100%)

Green (90%)

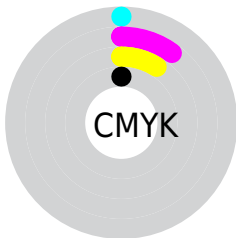
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

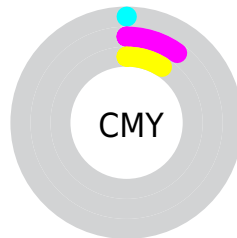


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)













Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.172, 10.326 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, 9.172, 10.326 by changing the saturation by 10% instead.

 93, 9.172, 10.326	 93, 9.172, 10.326
 100, 9.172, 10.326	 83, 9.172, 10.326
	 73, 9.172, 10.326
	 63, 9.172, 10.326
	 53, 9.172, 10.326
	 43, 9.172, 10.326
	 33, 9.172, 10.326
	 23, 9.172, 10.326
	 13, 9.172, 10.326
	 3, 9.172, 10.326

93, 9.172, 10.326

93, 9.172, 10.326

86, 19.078, 11.426

100, 0.141,
194.039

80, 29.544, 12.729

100, 0.333,
201.377

74, 40.455, 14.346

68, 51.597, 16.390

63, 62.648, 18.995

59, 73.213, 22.299

56, 82.924, 26.371

54, 91.501, 31.056

53, 98.628, 35.650

Harmonies

Complementary

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



93, 9.172, 10.326



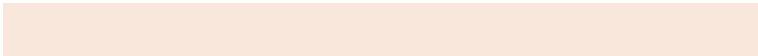
98, 8.734, 188.819

Rectangle

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



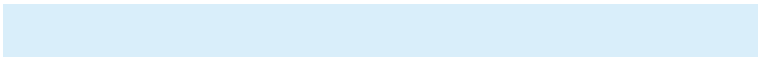
93, 9.172, 10.326



93, 9.172, 60.326



93, 9.172, 190.326



93, 9.172, 240.326

Sweetspot

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



93, 9.170, 10.338



98, 2.745, 9.562



93, 15.012, 321.213



52, 2.086, 9.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

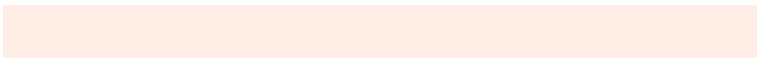
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.170, 10.338



92, 11.294, 10.561



95, 7.405, 58.846



50, 5.309, 10.304



40, 79.008, 34.893



10, 32.469, 22.288

Inverse Universe

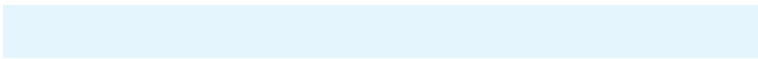
The Inverse Universe completely reimagines the original color for something new.



93, 9.170, 10.338



92, 11.294, 10.561



96, 7.082, 240.910



50, 5.309, 10.304



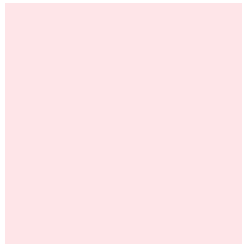
40, 79.008, 34.893



10, 32.469, 22.288

Previews

White Background



This preview shows how the CIELCh color 93, 9.172, 10.326 looks on a white background.

Color Contrast Check

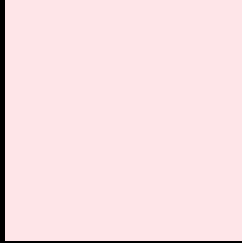
Large Text (above 18pt) WCAG AA × Fail

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, 9.172, 10.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

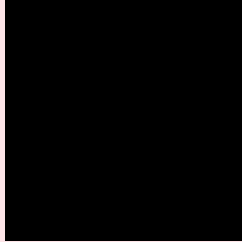
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

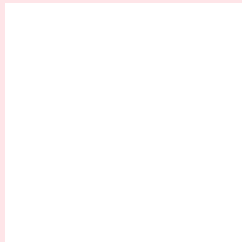
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.172, 10.326

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.172, 10.326.

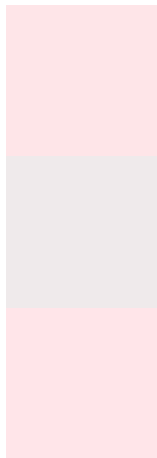


This preview shows how white text looks on a background with the CIELCh color 93, 9.172, 10.326.

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, 9.172, 10.326

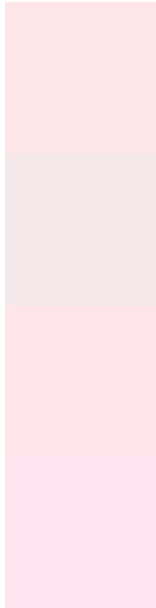
Protanopia
93, 1.861, 3.126

Deuteranopia
93, 9.618, 7.705



Tritanopia
93, 13.289, 339.105

Trichromacy



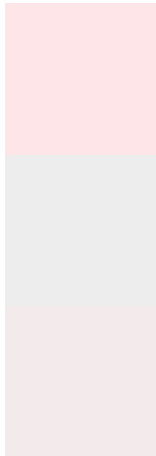
Original Color
93, 9.172, 10.326

Protanomaly
93, 4.425, 6.128

Deuteranomaly
93, 9.618, 7.705

Tritanomaly
93, 11.481, 347.659

Monochromacy



Original Color
93, 9.172, 10.326

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.259, 10.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.172, 10.326 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(254, 229, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 229, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.172, 10.326 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(254, 229, 232) }
```

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

```
.border{ border-color:rgb(254, 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(254, 229, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.172, 10.326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 232) }
```

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

```
.background{ background-color: rgb(254,  
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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