

Converting Colors

CIELCh(93, 9.210, 40.315)

Have a look what the booklet for
CIELCh(93, 9.210, 40.315) contains.

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Color

CIELCh(93, 9.310, 39.197)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6E0
RGB	254, 230, 224
RGB Percent	100%, 90%, 88%
CMY	0.0043, 0.0984, 0.1219
CMYK	0.00, 0.09, 0.12, 0.00
HSL	12°, 93%, 94%
HSV	12°, 12%, 100%
XYZ	82.5467, 82.9670, 82.1150
YIQ	236.4920, 16.2300, 3.2220

Conversions

Conversions Part 2

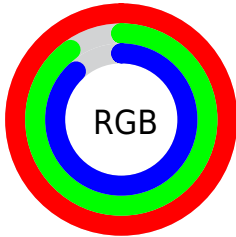
Format	Color
R _Y B	254, 232, 224
Decimal	16705248
CIE Lab	93.00, 7.22, 5.88
CIE LCh	93, 9.310, 39.197
Yxy	82.9670, 0.3333, 0.3350
Android (android.graphics.Color)	4294895328 (0xFFFE6E0)
YUV	236.4920, -6.1586, 15.3545
Hunter-Lab	91.0862, 2.3644, 10.3100

Details

The CIELCh color **93, 9.310, 39.197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.633, 219.931**, 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, 9.127, 40.756** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.924, 39.180**, and if you desaturate by 10%, it is **99, 1.370, 38.983**.

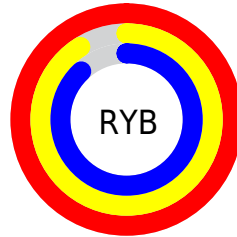
Distribution



Red (100%)

Green (90%)

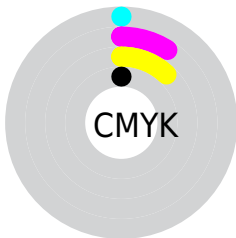
Blue (88%)



Red (100%)

Yellow (91%)

Blue (88%)

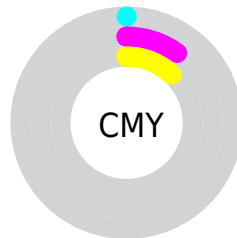


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (0%)



Cyan (0%)













Magenta (10%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.310, 39.197 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, 9.310, 39.197 by changing the saturation by 10% instead.

 93, 9.310, 39.197	 93, 9.310, 39.197
 100, 9.310, 39.197	 83, 9.310, 39.197
	 73, 9.310, 39.197
	 63, 9.310, 39.197
	 53, 9.310, 39.197
	 43, 9.310, 39.197
	 33, 9.310, 39.197
	 23, 9.310, 39.197
	 13, 9.310, 39.197
	 3, 9.310, 39.197

93, 9.310, 39.197

93, 9.310, 39.197

88, 17.924, 39.180

99, 1.370, 38.983

82, 27.268, 39.266

100, 0.382,
201.116

77, 37.373, 39.525

72, 48.221, 39.998

68, 59.713, 40.711

64, 71.596, 41.638

60, 83.285, 42.621

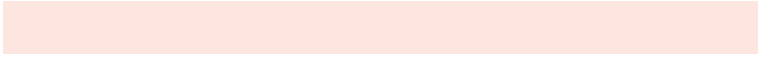
57, 93.472, 43.195

55, 99.539, 43.043

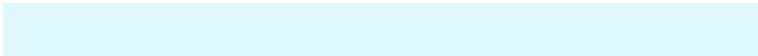
Harmonies

Complementary

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



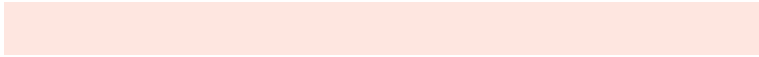
93, 9.310, 39.197



96, 8.633, 219.931

Rectangle

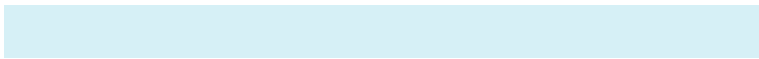
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



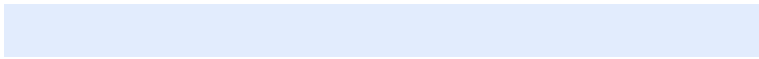
93, 9.310, 39.197



93, 9.310, 89.197



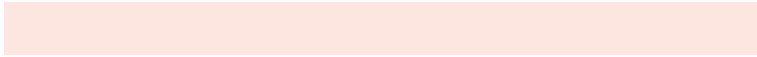
93, 9.310, 219.197



93, 9.310, 269.197

Sweetspot

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



93, 9.309, 39.214



98, 3.062, 39.199



92, 16.347, 331.250



52, 2.183, 39.218



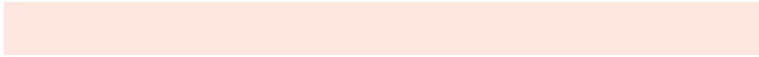
0, 0.000, 0.000



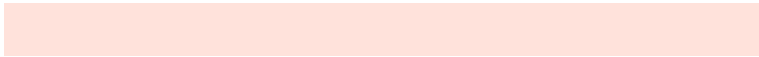
53, 0.007, 296.813

Same Dimension

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



93, 9.309, 39.214



92, 11.171, 39.200



97, 11.182, 92.216



50, 4.453, 39.228



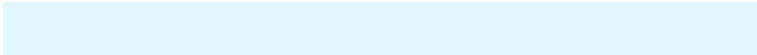
42, 79.988, 43.448



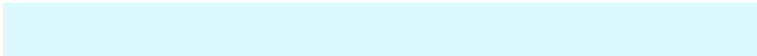
12, 29.978, 37.180

Inverse Universe

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



96, 8.633, 219.931



96, 10.205, 220.009



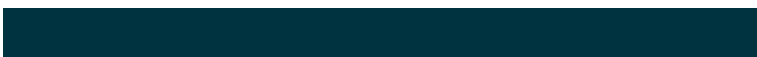
92, 11.215, 275.280



52, 4.194, 219.862



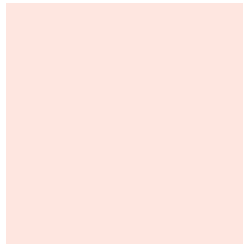
59, 35.399, 235.703



19, 16.152, 230.429

Previews

White Background



This preview shows how the CIE LCh color 93, 9.310, 39.197 looks on a white background.

Color Contrast Check

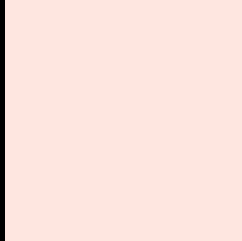
Large Text (above 18pt) WCAG AA × Fail

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, 9.310, 39.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

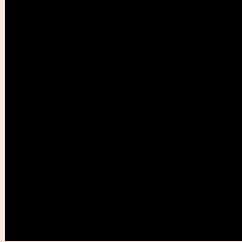
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

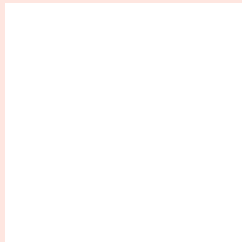
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.310, 39.197

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.310, 39.197.

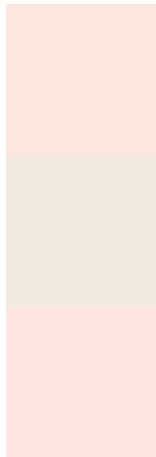


This preview shows how white text looks on a background with the CIELCh color 93, 9.310, 39.197.

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, 9.310, 39.197

Protanopia

93, 4.809, 78.083

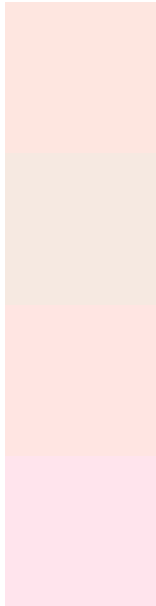
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 13.289, 339.105

Trichromacy



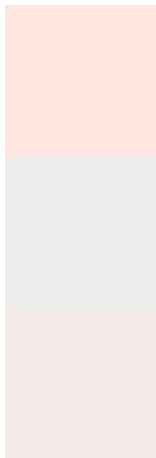
Original Color
93, 9.310, 39.197

Protanomaly
93, 6.246, 60.670

Deuteranomaly
93, 9.617, 29.186

Tritanomaly
93, 10.757, 354.656

Monochromacy



Original Color
93, 9.310, 39.197

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.376, 37.148

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.310, 39.197 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, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 224)  
}
```

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, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.310, 39.197 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, 230, 224) }
```

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

```
.border{ border-color:rgb(254, 230, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(254, 230, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.310, 39.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 224) }
```

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

```
.background{ background-color: rgb(254,  
230, 224) }
```

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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