

Converting Colors

CIELCh(94, 12.675, 38.486)

Have a look what the booklet for
CIELCh(94, 12.675, 38.486) contains.

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Color

CIELCh(93, 9.718, 44.830)

Conversions

Conversions Part 1

Format	Color
Hex	FEE6DE
RGB	254, 230, 222
RGB Percent	100%, 90%, 87%
CMY	0.0038, 0.0979, 0.1292
CMYK	0.00, 0.09, 0.13, 0.00
HSL	15°, 94%, 93%
HSV	15°, 13%, 100%
XYZ	82.3792, 82.9670, 80.8128
YIQ	236.2640, 16.8720, 2.6000

Conversions

Conversions Part 2

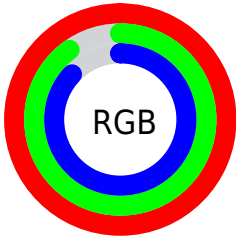
Format	Color
RYB	254, 233, 222
Decimal	16705246
CIELab	93.00, 6.89, 6.85
CIELCh	93, 9.718, 44.830
Yxy	82.9670, 0.3347, 0.3370
Android (android.graphics.Color)	4294895326 (0xFFFE6DE)
YUV	236.2640, -7.0322, 15.5545
Hunter-Lab	91.0862, 2.0360, 11.1576

Details

The CIELCh color **93, 9.718, 44.830** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.003, 226.208**, 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, 9.602, 46.664** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.163, 44.552**, and if you desaturate by 10%, it is **98, 1.916, 44.993**.

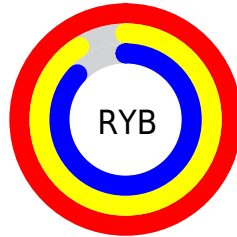
Distribution



Red (100%)

Green (90%)

Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

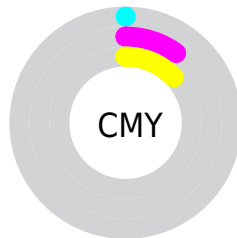


Cyan (0%)

Magenta (9%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.718, 44.830 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, 9.718, 44.830 by changing the saturation by 10% instead.

 93, 9.718, 44.830	 93, 9.718, 44.830
 100, 9.718, 44.830	 83, 9.718, 44.830
	 73, 9.718, 44.830
	 63, 9.718, 44.830
	 53, 9.718, 44.830
	 43, 9.718, 44.830
	 33, 9.718, 44.830
	 23, 9.718, 44.830
	 13, 9.718, 44.830
	 3, 9.718, 44.830

93, 9.718, 44.830

93, 9.718, 44.830

88, 18.163, 44.552

98, 1.916, 44.993

83, 27.309, 44.352

100, 0.340,
201.331

78, 37.191, 44.289

73, 47.801, 44.393

69, 59.048, 44.673

65, 70.680, 45.084

61, 82.087, 45.452

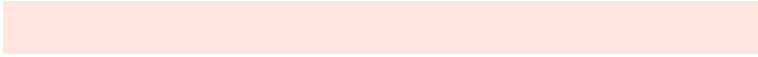
59, 91.938, 45.315

57, 97.397, 44.698

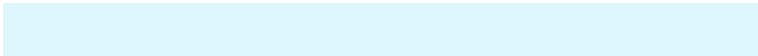
Harmonies

Complementary

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



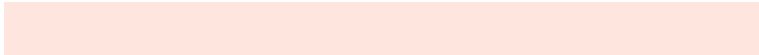
93, 9.718, 44.830



95, 9.003, 226.208

Rectangle

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



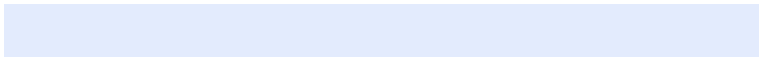
93, 9.718, 44.830



93, 9.718, 94.830



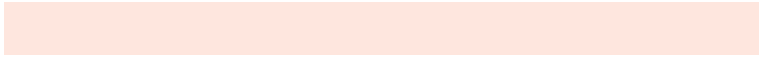
93, 9.718, 224.830



93, 9.718, 274.830

Sweetspot

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



93, 9.717, 44.847



98, 2.992, 45.048



92, 16.822, 333.149



52, 2.133, 45.050



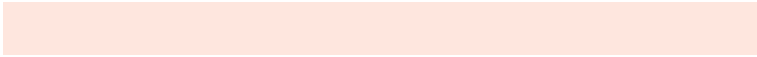
0, 0.000, 0.000



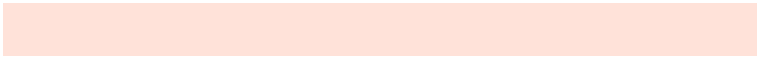
53, 0.007, 296.813

Same Dimension

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



93, 9.717, 44.847



92, 11.731, 44.770



97, 12.544, 95.710



50, 4.349, 44.943



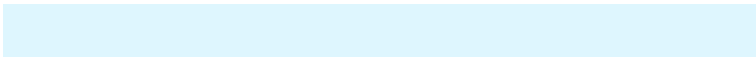
43, 78.194, 45.185



12, 29.247, 40.276

Inverse Universe

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



95, 9.003, 226.208



95, 10.696, 226.365



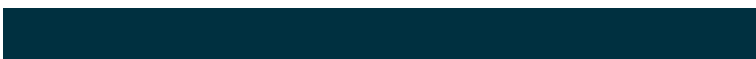
91, 12.658, 278.866



51, 4.111, 226.032



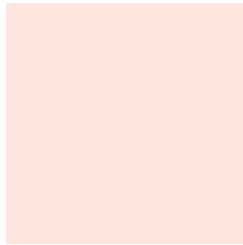
56, 36.881, 246.402



18, 16.492, 240.034

Previews

White Background



This preview shows how the CIELCh color 93, 9.718, 44.830 looks on a white background.

Color Contrast Check

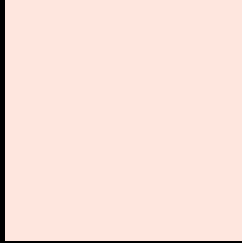
Large Text (above 18pt) WCAG AA × Fail

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, 9.718, 44.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

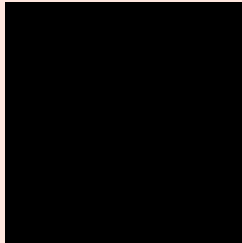
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

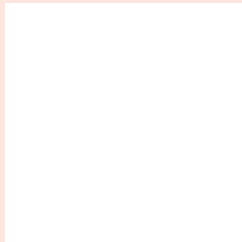
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.718, 44.830

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.718, 44.830.

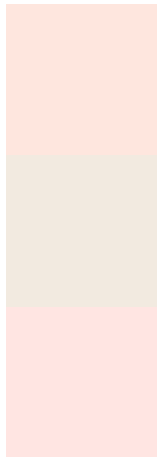


This preview shows how white text looks on a background with the CIELCh color 93, 9.718, 44.830.

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, 9.727, 44.828

Protanopia

93, 5.884, 80.183

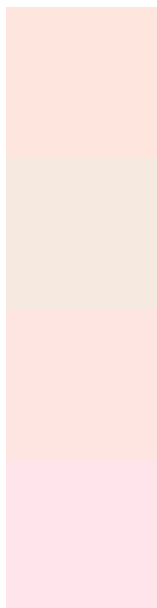
Deuteranopia

93, 9.617, 29.186



Tritanopia
93, 13.289, 339.105

Trichromacy



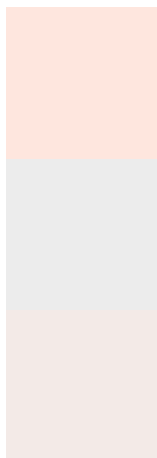
Original Color
93, 9.727, 44.828

Protanomaly
93, 6.975, 66.933

Deuteranomaly
93, 9.728, 32.147

Tritanomaly
93, 10.556, 357.190

Monochromacy



Original Color
93, 9.727, 44.828

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.566, 45.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.718, 44.830 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.718, 44.830 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, 222) }
```

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

```
.border{ border-color:rgb(254, 230, 222) }
```

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, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.718, 44.830 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, 222) }
```

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

```
.background{ background-color: rgb(254,  
230, 222) }
```

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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