

Converting Colors

CIELCh(93, 9.901, 39.764)

Have a look what the booklet for
CIELCh(93, 9.901, 39.764) contains.

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Color

CIELCh(93, 9.854, 41.275)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6DF
RGB	255, 230, 223
RGB Percent	100%, 90%, 87%
CMY	0.0011, 0.0991, 0.1265
CMYK	0.00, 0.10, 0.13, 0.00
HSL	13°, 98%, 94%
HSV	13°, 13%, 100%
XYZ	82.6458, 82.9670, 81.2834
YIQ	236.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

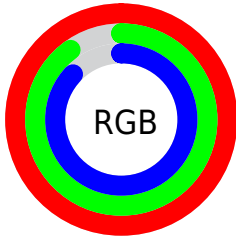
Format	Color
R _Y B	255, 232, 223
Decimal	16770783
CIE Lab	93.00, 7.41, 6.50
CIE LCh	93, 9.854, 41.275
Yxy	82.9670, 0.3347, 0.3360
Android (android.graphics.Color)	4294960863 (0xFFFFE6DF)
YUV	236.6770, -6.7428, 16.0693
Hunter-Lab	91.0862, 2.5585, 10.8513

Details

The CIELCh color **93, 9.854, 41.275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 9.103, 222.269**, 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, 9.716, 42.867** is the 20% darker color. If you saturate the color by 10%, you get **88, 18.450, 41.163**, and if you desaturate by 10%, it is **98, 1.926, 41.280**.

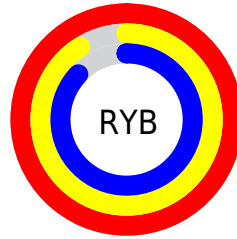
Distribution



Red (100%)

Green (90%)

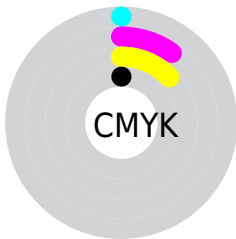
Blue (87%)



Red (100%)

Yellow (91%)

Blue (87%)

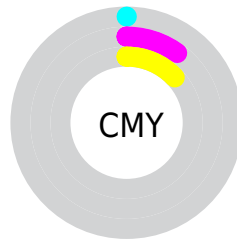


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.854, 41.275 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, 9.854, 41.275 by changing the saturation by 10% instead.

 93, 9.854, 41.275	 93, 9.854, 41.275
 100, 9.854, 41.275	 83, 9.854, 41.275
	 73, 9.854, 41.275
	 63, 9.854, 41.275
	 53, 9.854, 41.275
	 43, 9.854, 41.275
	 33, 9.854, 41.275
	 23, 9.854, 41.275
	 13, 9.854, 41.275
	 3, 9.854, 41.275

93, 9.854, 41.275

93, 9.854, 41.275

88, 18.450, 41.163

98, 1.926, 41.280

82, 27.772, 41.149

100, 0.094,
206.452

77, 37.848, 41.296

73, 48.665, 41.640

68, 60.123, 42.200

64, 71.957, 42.938

61, 83.551, 43.681

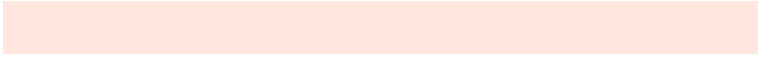
58, 93.537, 43.945

56, 99.011, 43.610

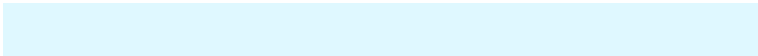
Harmonies

Complementary

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



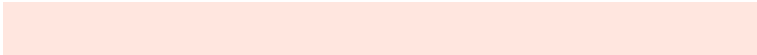
93, 9.854, 41.275



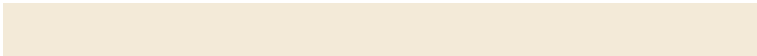
96, 9.103, 222.269

Rectangle

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



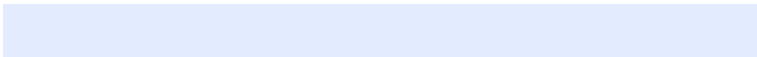
93, 9.854, 41.275



93, 9.854, 91.275



93, 9.854, 221.275



93, 9.854, 271.275

Sweetspot

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



93, 9.853, 41.291



98, 3.032, 41.360



92, 17.226, 331.900



52, 2.162, 41.373



0, 0.000, 0.000



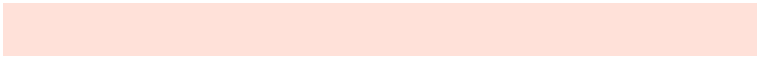
53, 0.007, 296.813

Same Dimension

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



93, 9.853, 41.291



92, 11.898, 41.253



97, 12.127, 93.361



50, 4.409, 41.339



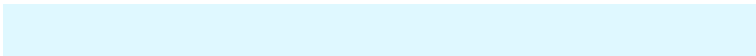
42, 79.343, 44.050



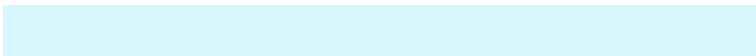
12, 29.702, 38.286

Inverse Universe

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



96, 9.103, 222.269



95, 10.810, 222.387



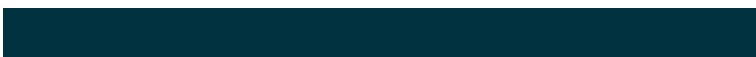
92, 12.189, 276.589



52, 4.157, 222.145



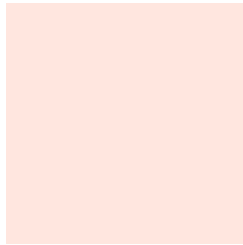
57, 35.816, 239.778



19, 16.230, 234.047

Previews

White Background



This preview shows how the CIELCh color 93, 9.854, 41.275 looks on a white background.

Color Contrast Check

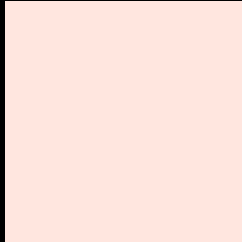
Large Text (above 18pt) WCAG AA × Fail

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, 9.854, 41.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

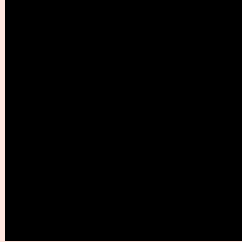
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

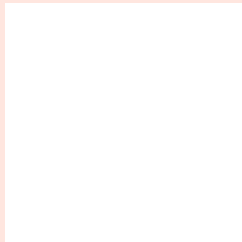
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.854, 41.275

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.854, 41.275.

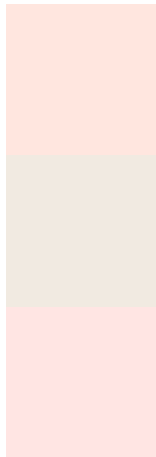


This preview shows how white text looks on a background with the CIELCh color 93, 9.854, 41.275.

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, 9.854, 41.275

Protanopia

93, 5.256, 80.962

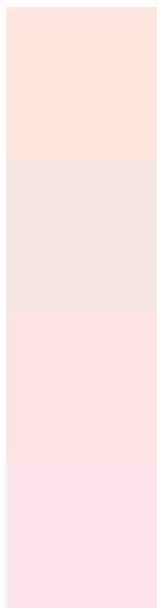
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 12.358, 341.588

Trichromacy



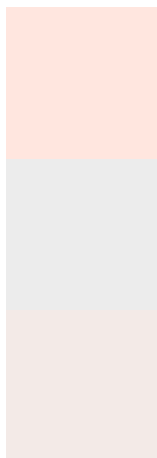
Original Color
93, 9.854, 41.275

Protanomaly
93, 6.534, 58.557

Deuteranomaly
93, 9.728, 32.147

Tritanomaly
93, 10.029, 359.059

Monochromacy



Original Color
93, 9.854, 41.275

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, 9.854, 41.275 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, 230, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 223)  
}
```

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, 230, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.854, 41.275 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, 230, 223) }
```

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

```
.border{ border-color:rgb(255, 230, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.854, 41.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 223) }
```

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

```
.background{ background-color: rgb(255,  
230, 223) }
```

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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