

Converting Colors

CIELCh(100, 33.516, 31.346)

Have a look what the booklet for
CIELCh(100, 33.516, 31.346)
contains.

CIELCh(94, 9.870, 58.224)	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(94, 9.870, 58.224)

Conversions

Conversions Part 1

Format	Color
Hex	FFEADE
RGB	255, 234, 222
RGB Percent	100%, 92%, 87%
CMY	0.0005, 0.0828, 0.1299
CMYK	0.00, 0.08, 0.13, 0.00
HSL	22°, 99%, 93%
HSV	22°, 13%, 100%
XYZ	83.7427, 85.2715, 81.0604
YIQ	238.9110, 16.3680, 0.7200

Conversions

Conversions Part 2

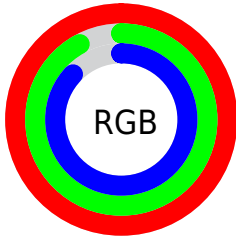
Format	Color
R _Y B	255, 241, 222
Decimal	16771806
CIE Lab	94.00, 5.20, 8.39
CIE LCh	94, 9.870, 58.224
Yxy	85.2715, 0.3349, 0.3410
Android (android.graphics.Color)	4294961886 (0xFFFFEAD E)
YUV	238.9110, -8.3371, 14.1101
Hunter-Lab	92.3426, 0.2768, 12.5937

Details

The CIELCh color **94, 9.870, 58.224** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95, 9.285, 240.888**, 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 **74, 9.803, 56.977** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.114, 57.396**, and if you desaturate by 10%, it is **99, 2.168, 58.942**.

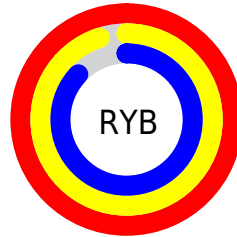
Distribution



Red (100%)

Green (92%)

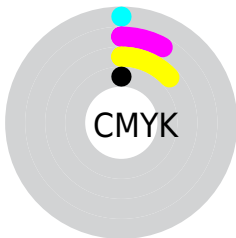
Blue (87%)



Red (100%)

Yellow (95%)

Blue (87%)

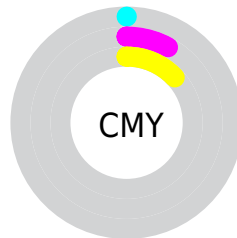


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (0%)



Cyan (0%)













Magenta (8%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.870, 58.224 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 94, 9.870, 58.224 by changing the saturation by 10% instead.

 94, 9.870, 58.224	 94, 9.870, 58.224
 100, 9.870, 58.224	 84, 9.870, 58.224
	 74, 9.870, 58.224
	 64, 9.870, 58.224
	 54, 9.870, 58.224
	 44, 9.870, 58.224
	 34, 9.870, 58.224
	 24, 9.870, 58.224
	 14, 9.870, 58.224
	 4, 9.870, 58.224

94, 9.870, 58.224

94, 9.870, 58.224

89, 18.114, 57.396

99, 2.168, 58.942

85, 26.949, 56.584

100, 0.047,
213.752

81, 36.405, 55.831

77, 46.474, 55.146

73, 57.061, 54.515

69, 67.897, 53.871

66, 78.354, 53.031

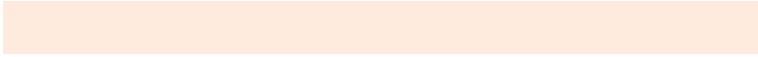
63, 87.182, 51.594

61, 91.902, 50.123

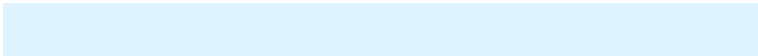
Harmonies

Complementary

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



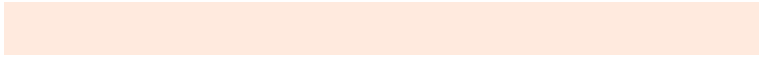
94, 9.870, 58.224



95, 9.285, 240.888

Rectangle

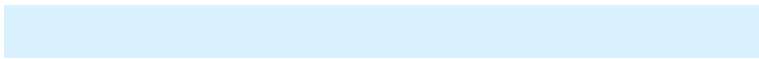
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.870, 58.224



94, 9.870, 108.224



94, 9.870, 238.224



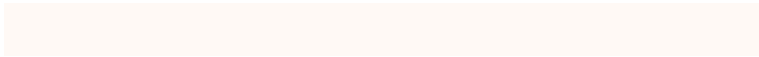
94, 9.870, 288.224

Sweetspot

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



94, 9.870, 58.241



98, 2.957, 58.914



92, 16.167, 337.304



52, 2.107, 58.876



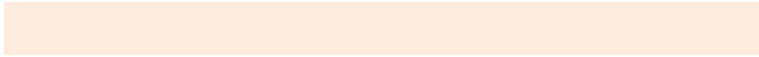
0, 0.000, 0.000



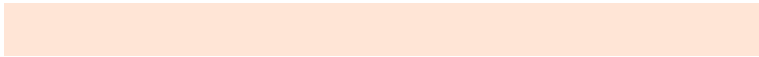
53, 0.007, 296.813

Same Dimension

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



94, 9.870, 58.241



93, 12.333, 57.982



98, 14.346, 101.812



51, 4.285, 58.527



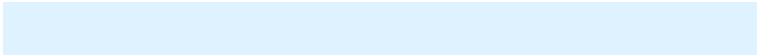
46, 73.599, 50.768



14, 27.799, 48.988

Inverse Universe

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



95, 9.285, 240.888



93, 11.417, 241.255



91, 14.626, 284.807



51, 4.103, 240.511



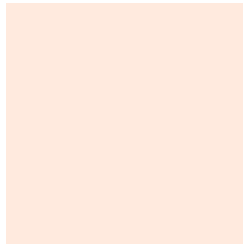
49, 44.249, 267.168



15, 18.781, 259.898

Previews

White Background



This preview shows how the CIELCh color 94, 9.870, 58.224 looks on a white background.

Color Contrast Check

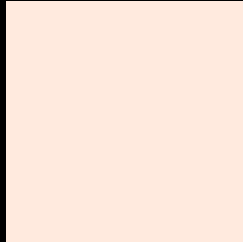
Large Text (above 18pt) WCAG AA × Fail

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 94, 9.870, 58.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

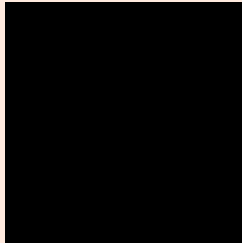
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.870, 58.224

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.870, 58.224.

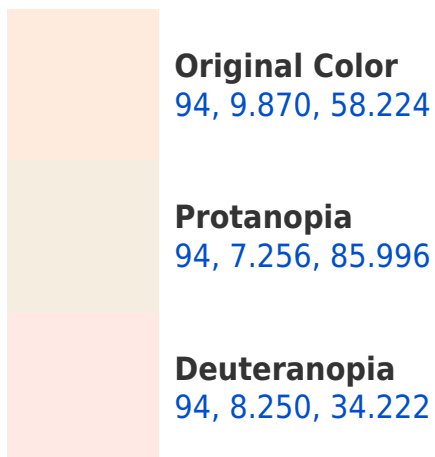


This preview shows how white text looks on a background with the CIELCh color 94, 9.870, 58.224.

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](#).

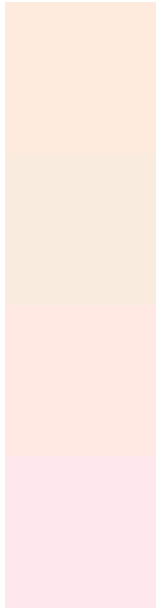
Dichromacy





Tritanopia
94, 11.519, 338.149

Trichromacy



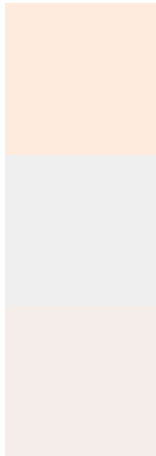
Original Color
94, 9.870, 58.224

Protanomaly
94, 8.170, 74.084

Deuteranomaly
94, 8.796, 43.871

Tritanomaly
94, 8.657, 2.723

Monochromacy



Original Color
94, 9.870, 58.224

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.508, 55.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.870, 58.224 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, 234, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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(255, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.870, 58.224 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, 234, 222) }
```

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

```
.border{ border-color:rgb(255, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.870, 58.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 222) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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