

Converting Colors

CIELCh(94, 9.834, 70.351)

Have a look what the booklet for
CIELCh(94, 9.834, 70.351) contains.

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Color

CIELCh(94, 9.908, 70.407)

Conversions

Conversions Part 1

Format	Color
Hex	FCEBDC
RGB	252, 235, 220
RGB Percent	99%, 92%, 86%
CMY	0.0118, 0.0784, 0.1373
CMYK	0.00, 0.07, 0.13, 0.01
HSL	28°, 84%, 93%
HSV	28°, 13%, 99%
XYZ	82.7638, 85.2715, 79.8009
YIQ	238.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

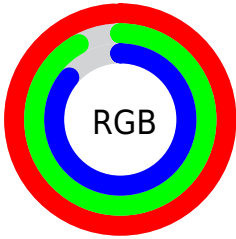
Format	Color
R _Y B	252, 248, 220
Decimal	16575452
CIE Lab	94.00, 3.32, 9.33
CIE LCh	94, 9.908, 70.407
Yxy	85.2715, 0.3339, 0.3441
Android (android.graphics.Color)	4294765532 (0xFFFCBDC)
YUV	238.3730, -9.0579, 11.9509
Hunter-Lab	92.3426, -1.6154, 13.4024

Details

The CIELCh color **94, 9.908, 70.407** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 9.537, 253.689**, 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, 9.801, 69.891** is the 20% darker color. If you saturate the color by 10%, you get **90, 18.187, 69.244**, and if you desaturate by 10%, it is **98, 2.046, 71.432**.

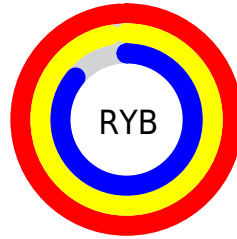
Distribution



Red (99%)

Green (92%)

Blue (86%)



Red (99%)

Yellow (97%)

Blue (86%)

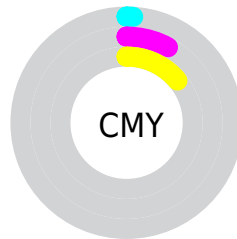


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.908, 70.407 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, 9.908, 70.407 by changing the saturation by 10% instead.

 94, 9.908, 70.407	 94, 9.908, 70.407
 100, 9.908, 70.407	 84, 9.908, 70.407
	 74, 9.908, 70.407
	 64, 9.908, 70.407
	 54, 9.908, 70.407
	 44, 9.908, 70.407
	 34, 9.908, 70.407
	 24, 9.908, 70.407
	 14, 9.908, 70.407
	 4, 9.908, 70.407

94, 9.908, 70.407

94, 9.908, 70.407

90, 18.187, 69.244

98, 2.046, 71.432

86, 26.913, 68.049

100, 1.046,
199.973

83, 36.096, 66.854

79, 45.700, 65.657

76, 55.598, 64.435

73, 65.483, 63.117

69, 74.707, 61.534

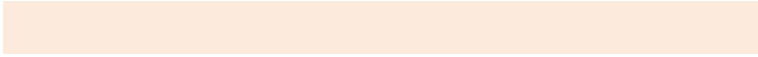
67, 82.138, 59.360

65, 86.055, 57.319

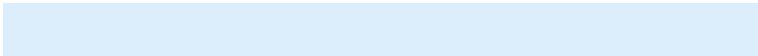
Harmonies

Complementary

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



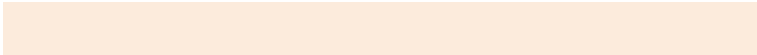
94, 9.908, 70.407



93, 9.537, 253.689

Rectangle

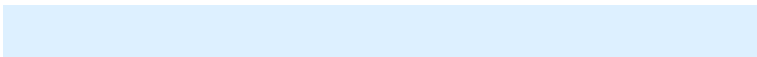
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.908, 70.407



94, 9.908, 120.407



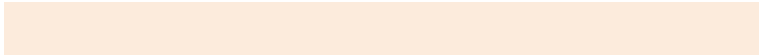
94, 9.908, 250.407



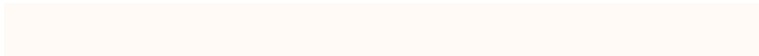
94, 9.908, 300.407

Sweetspot

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



94, 9.909, 70.423



98, 3.077, 71.352



91, 14.490, 342.920



52, 2.192, 71.288



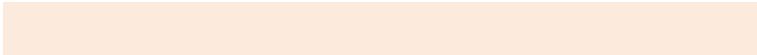
0, 0.000, 0.000



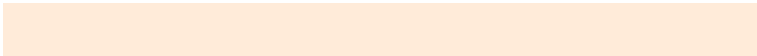
53, 0.007, 296.813

Same Dimension

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



94, 9.909, 70.423



94, 11.890, 70.154



98, 15.696, 107.547



50, 4.369, 70.790



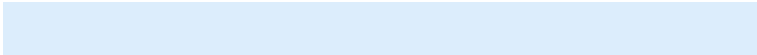
49, 68.935, 58.042



15, 25.880, 58.519

Inverse Universe

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



93, 9.537, 253.689



93, 11.353, 254.028



89, 16.131, 290.214



50, 4.251, 253.249



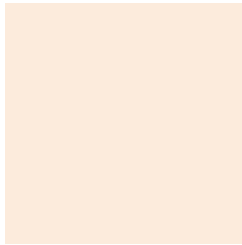
42, 54.156, 280.917



12, 21.712, 273.764

Previews

White Background



This preview shows how the CIELCh color 94, 9.908, 70.407 looks on a white background.

Color Contrast Check

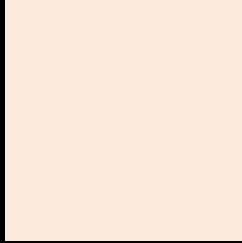
Large Text (above 18pt) WCAG AA × Fail

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, 9.908, 70.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

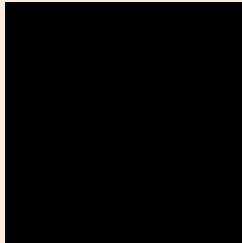
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.908, 70.407

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.908, 70.407.

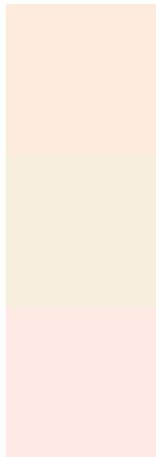


This preview shows how white text looks on a background with the CIELCh color 94, 9.908, 70.407.

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

94, 9.908, 70.407

Protanopia

94, 8.824, 87.614

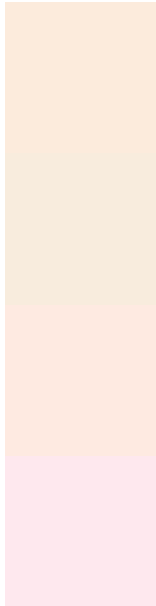
Deuteranopia

94, 8.404, 37.576



Tritanopia
94, 12.223, 334.562

Trichromacy



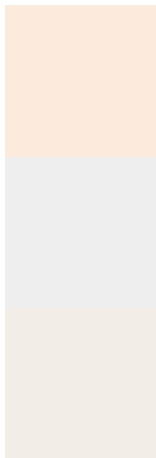
Original Color
94, 9.908, 70.407

Protanomaly
94, 8.846, 79.759

Deuteranomaly
94, 8.639, 51.979

Tritanomaly
94, 8.477, 358.641

Monochromacy



Original Color
94, 9.908, 70.407

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.737, 74.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.908, 70.407 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(252, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 220)  
}
```

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(252, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.908, 70.407 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(252, 235, 220) }
```

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

```
.border{ border-color:rgb(252, 235, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.908, 70.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 220) }
```

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

```
.background{ background-color: rgb(252,  
235, 220) }
```

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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