

Converting Colors

CIELCh(94, 9.689, 52.240)

Have a look what the booklet for
CIELCh(94, 9.689, 52.240) contains.

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Color

CIELCh(94, 9.564, 52.166)

Conversions

Conversions Part 1

Format	Color
Hex	FFEADF
RGB	255, 234, 223
RGB Percent	100%, 92%, 87%
CMY	0.0000, 0.0843, 0.1235
CMYK	0.00, 0.08, 0.12, 0.00
HSL	19°, 100%, 94%
HSV	19°, 12%, 100%
XYZ	84.0937, 85.2715, 82.1886
YIQ	239.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

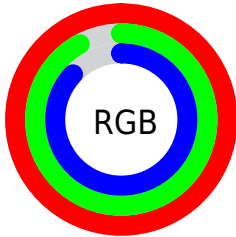
Format	Color
R _{YB}	255, 240, 223
Decimal	16771807
CIE Lab	94.00, 5.87, 7.55
CIE LCh	94, 9.564, 52.166
Yxy	85.2715, 0.3343, 0.3390
Android (android.graphics.Color)	4294961887 (0xFFFFEADF)
YUV	239.0250, -7.9003, 14.0101
Hunter-Lab	92.3426, 0.9553, 11.8694

Details

The CIELCh color **94, 9.564, 52.166** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **95, 8.803, 234.891**, 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, 9.470, 54.476** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.668, 52.157**, and if you desaturate by 10%, it is **99, 1.724, 53.237**.

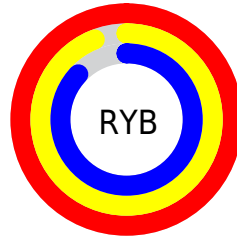
Distribution



Red (100%)

Green (92%)

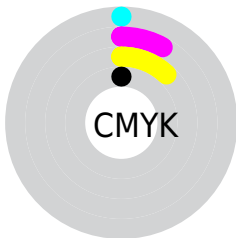
Blue (87%)



Red (100%)

Yellow (94%)

Blue (87%)

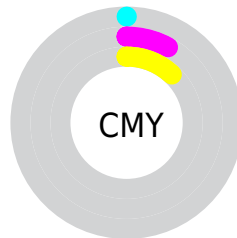


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.564, 52.166 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, 9.564, 52.166 by changing the saturation by 10% instead.



94, 9.564, 52.166

94, 9.564, 52.166

89, 17.668, 52.157

99, 1.724, 53.237

84, 26.573, 51.573

100, 0.012,
296.813

80, 36.155, 51.076

76, 46.413, 50.685

71, 57.263, 50.395

68, 68.462, 50.150

64, 79.416, 49.775

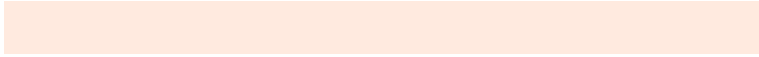
61, 88.873, 48.860

59, 94.337, 47.629

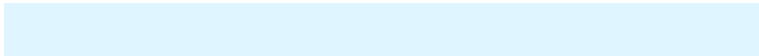
Harmonies

Complementary

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



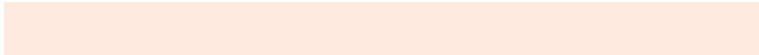
94, 9.564, 52.166



95, 8.803, 234.891

Rectangle

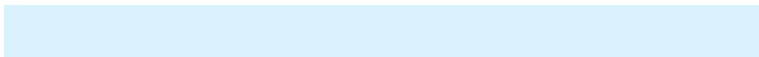
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.564, 52.166



94, 9.564, 102.166



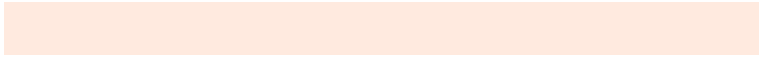
94, 9.564, 232.166



94, 9.564, 282.166

Sweetspot

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



94, 9.403, 52.797



98, 2.950, 53.259



92, 15.796, 335.815



52, 2.103, 53.236



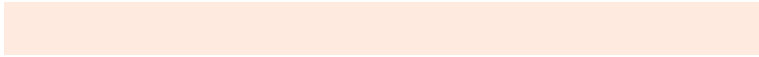
0, 0.000, 0.000



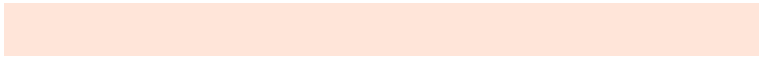
53, 0.007, 296.813

Same Dimension

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



94, 9.403, 52.797



93, 11.530, 52.626



98, 13.230, 99.973



51, 4.282, 52.978



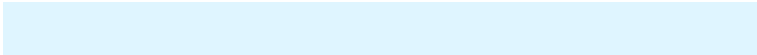
45, 75.496, 48.222



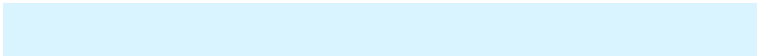
13, 28.329, 45.187

Inverse Universe

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



95, 8.803, 234.891



94, 10.628, 235.151



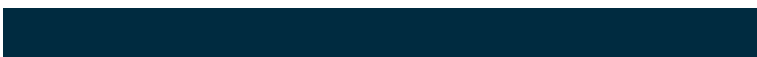
91, 13.439, 282.907



51, 4.075, 234.635



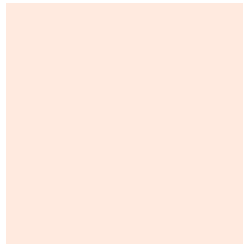
52, 40.659, 259.481



16, 17.613, 252.328

Previews

White Background



This preview shows how the CIELCh color 94, 9.564, 52.166 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, 9.564, 52.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

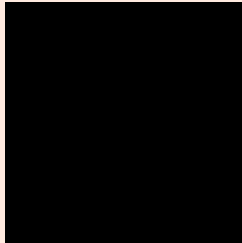
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 9.564, 52.166

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.564, 52.166.

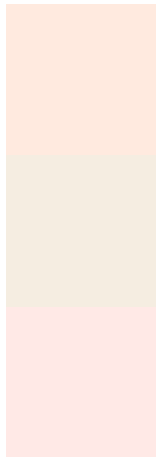


This preview shows how white text looks on a background with the CIELCh color 94, 9.564, 52.166.

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, 9.547, 55.889

Protanopia

94, 6.787, 84.332

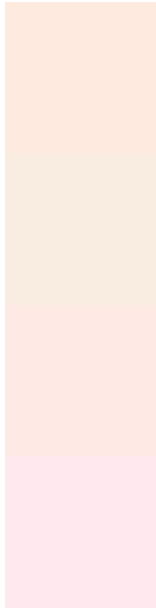
Deuteranopia

94, 8.125, 30.751



Tritanopia
94, 11.519, 338.149

Trichromacy



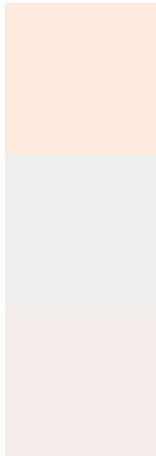
Original Color
94, 9.547, 55.889

Protanomaly
94, 7.753, 71.958

Deuteranomaly
94, 8.404, 37.576

Tritanomaly
94, 8.815, 359.530

Monochromacy



Original Color
94, 9.547, 55.889

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, 9.564, 52.166 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.564, 52.166 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, 223) }
```

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

```
.border{ border-color:rgb(255, 234, 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, 234, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.564, 52.166 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, 223) }
```

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

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