

Converting Colors

CIELCh(94, 9.620, 48.487)

Have a look what the booklet for
CIELCh(94, 9.620, 48.487) contains.

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Color

CIELCh(94, 9.286, 49.558)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9E0
RGB	255, 233, 224
RGB Percent	100%, 91%, 88%
CMY	0.0000, 0.0846, 0.1199
CMYK	0.00, 0.08, 0.12, 0.00
HSL	18°, 100%, 94%
HSV	18°, 12%, 100%
XYZ	84.1764, 85.2715, 82.8488
YIQ	238.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

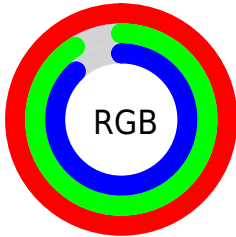
Format	Color
R _Y B	255, 237, 224
Decimal	16771552
CIE Lab	94.00, 6.02, 7.07
CIE LCh	94, 9.286, 49.558
Yxy	85.2715, 0.3336, 0.3380
Android (android.graphics.Color)	4294961632 (0xFFFFE9E0)
YUV	238.5520, -7.1741, 14.4249
Hunter-Lab	92.3426, 1.1151, 11.4454

Details

The CIELCh color **94, 9.286, 49.558** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 8.549, 231.879**, 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, 9.226, 47.753** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.435, 49.552**, and if you desaturate by 10%, it is **99, 1.457, 50.351**.

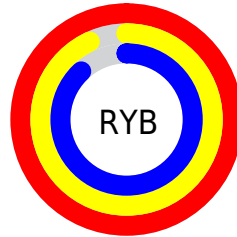
Distribution



Red (100%)

Green (91%)

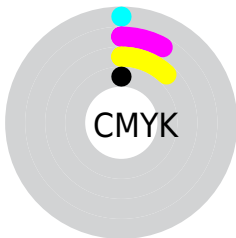
Blue (88%)



Red (100%)

Yellow (93%)

Blue (88%)

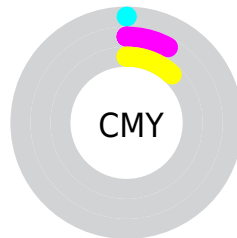


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 9.286, 49.558 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, 9.286, 49.558 by changing the saturation by 10% instead.



94, 9.286, 49.558

94, 9.286, 49.558

89, 17.435, 49.552

99, 1.457, 50.351

84, 26.388, 49.090

100, 0.012,
296.813

80, 36.041, 48.731

75, 46.393, 48.497

71, 57.369, 48.389

67, 68.731, 48.358

63, 79.904, 48.236

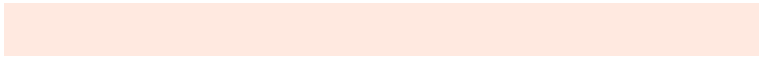
60, 89.645, 47.611

58, 95.516, 46.533

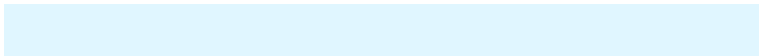
Harmonies

Complementary

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



94, 9.286, 49.558



96, 8.549, 231.879

Rectangle

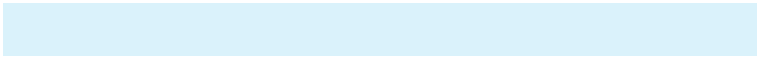
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 9.286, 49.558



94, 9.286, 99.558



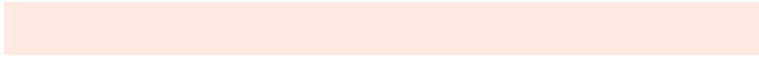
94, 9.286, 229.558



94, 9.286, 279.558

Sweetspot

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



94, 9.143, 50.080



98, 2.957, 50.434



92, 15.691, 334.414



52, 2.108, 50.419



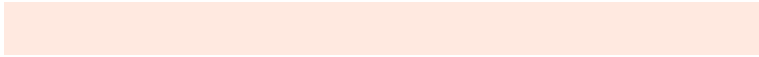
0, 0.000, 0.000



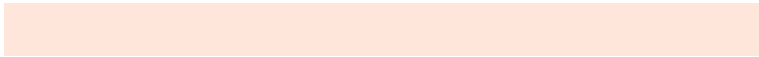
53, 0.007, 296.813

Same Dimension

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



94, 9.143, 50.080



93, 10.761, 49.972



98, 12.399, 97.973



51, 4.295, 50.212



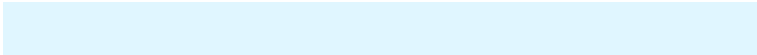
44, 76.438, 47.094



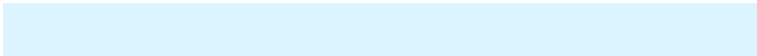
13, 28.627, 43.420

Inverse Universe

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



96, 8.549, 231.879



95, 9.938, 232.051



92, 12.552, 280.896



51, 4.077, 231.685



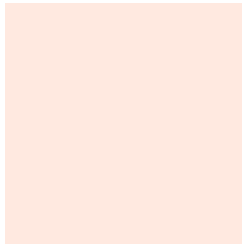
53, 39.156, 255.247



17, 17.148, 248.271

Previews

White Background



This preview shows how the CIELCh color 94, 9.286, 49.558 looks on a white background.

Color Contrast Check

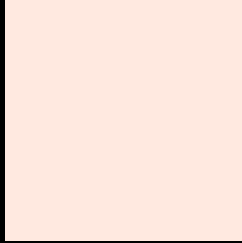
Large Text (above 18pt) WCAG AA × Fail

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, 9.286, 49.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

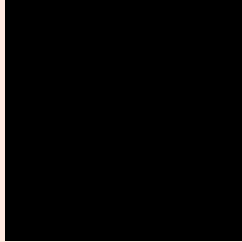
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

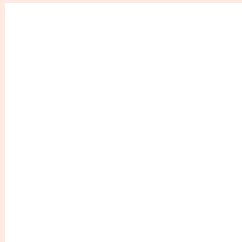
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 9.286, 49.558

Background



This preview shows how black text looks on a background with the CIELCh color 94, 9.286, 49.558.



This preview shows how white text looks on a background with the CIELCh color 94, 9.286, 49.558.

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](#).

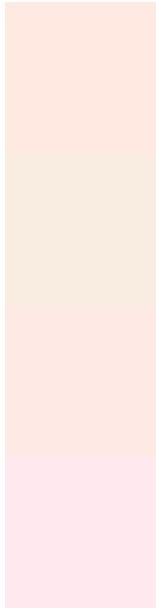
Dichromacy





Tritanopia
94, 11.519, 338.149

Trichromacy



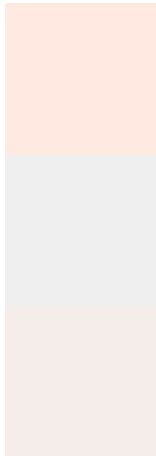
Original Color
94, 9.286, 49.558

Protanomaly
94, 7.348, 69.589

Deuteranomaly
94, 8.404, 37.576

Tritanomaly
94, 8.815, 359.530

Monochromacy



Original Color
94, 9.286, 49.558

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.235, 47.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 9.286, 49.558 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, 233, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 224)  
}
```

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, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 9.286, 49.558 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, 233, 224) }
```

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

```
.border{ border-color:rgb(255, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 9.286, 49.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 224) }
```

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

```
.background{ background-color: rgb(255,  
233, 224) }
```

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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