

Converting Colors

CIELCh(94, 11.839, 69.603)

Have a look what the booklet for
CIELCh(94, 11.839, 69.603) contains.

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Color

CIELCh(94, 11.692, 67.763)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFEAD9 |
| RGB | 255, 234, 217 |
| RGB Percent | 100%, 92%, 85% |
| CMY | 0.0000, 0.0816, 0.1483 |
| CMYK | 0.00, 0.08, 0.15, 0.00 |
| HSL | 27°, 100%, 93% |
| HSV | 27°, 15%, 100% |
| XYZ | 83.3383, 85.2715, 77.8415 |
| YIQ | 238.3410, 17.9730, -0.8350 |

Conversions

Conversions Part 2

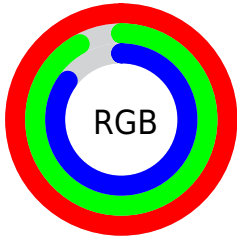
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 248, 217 |
| Decimal | 16771801 |
| CIE Lab | 94.00, 4.42, 10.82 |
| CIE LCh | 94, 11.692, 67.763 |
| Yxy | 85.2715, 0.3382, 0.3460 |
| Android (android.graphics.Color) | 4294961881 (0xFFFEAD9) |
| YUV | 238.3410, -10.5211, 14.6099 |
| Hunter-Lab | 92.3426, -0.5049, 14.6605 |

Details

The CIELCh color **94, 11.692, 67.763** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 11.071, 251.774**, 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, 11.703, 67.095** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.054, 66.907**, and if you desaturate by 10%, it is **98, 3.684, 69.110**.

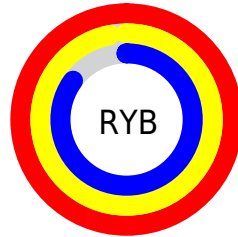
Distribution



Red (100%)

Green (92%)

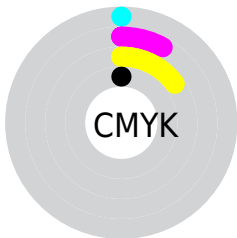
Blue (85%)



Red (100%)

Yellow (97%)

Blue (85%)

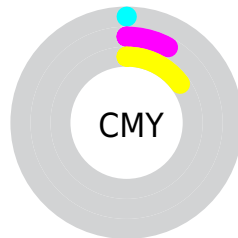


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 11.692, 67.763 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, 11.692, 67.763 by changing the saturation by 10% instead.

 94, 11.692, 67.763

 94, 11.692, 67.763

 100, 11.692,
67.763

 84, 11.692, 67.763

 74, 11.692, 67.763

 64, 11.692, 67.763

 54, 11.692, 67.763

 44, 11.692, 67.763

 34, 11.692, 67.763

 24, 11.692, 67.763

 14, 11.692, 67.763

 4, 11.692, 67.763

94, 11.692, 67.763

94, 11.692, 67.763

90, 20.054, 66.907

98, 3.684, 69.110

86, 28.949, 65.765

100, 0.012,
296.813

82, 38.334, 64.633

79, 48.168, 63.508

75, 58.301, 62.359

72, 68.375, 61.101

69, 77.642, 59.528

66, 84.845, 57.263

65, 87.688, 55.844

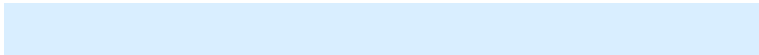
Harmonies

Complementary

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



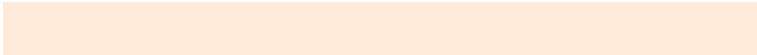
94, 11.692, 67.763



93, 11.071, 251.774

Rectangle

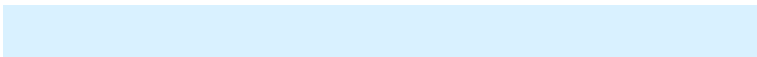
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 11.692, 67.763



94, 11.692, 117.763



94, 11.692, 247.763



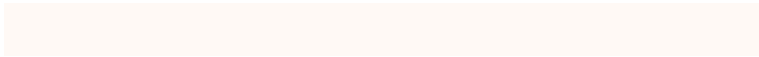
94, 11.692, 297.763

Sweetspot

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



94, 11.643, 68.046



98, 3.045, 69.177



90, 17.509, 341.400



52, 2.169, 69.116



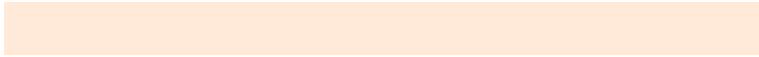
0, 0.000, 0.000



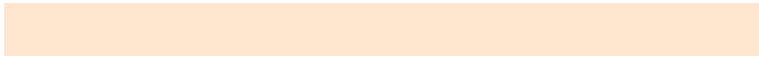
53, 0.007, 296.813

Same Dimension

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



94, 11.643, 68.046



93, 14.261, 67.687



99, 17.894, 105.834



51, 4.399, 68.637



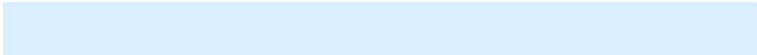
49, 70.289, 56.550



15, 27.142, 56.887

Inverse Universe

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



93, 11.071, 251.774



92, 13.396, 252.253



88, 18.428, 289.063



51, 4.267, 251.042



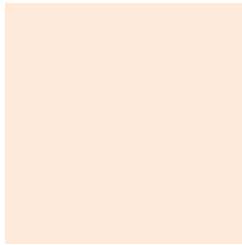
44, 52.650, 278.810



13, 21.687, 271.886

Previews

White Background



This preview shows how the CIE LCh color 94, 11.692, 67.763 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 CIELCh color 94, 11.692, 67.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

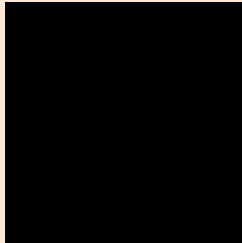
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 11.692, 67.763

Background



This preview shows how black text looks on a background with the CIELCh color 94, 11.692, 67.763.

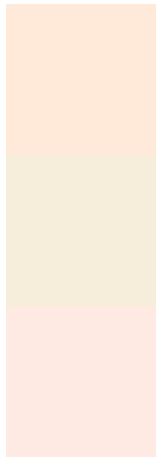


This preview shows how white text looks on a background with the CIELCh color 94, 11.692, 67.763.

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, 11.692, 67.763

Protanopia

94, 9.918, 87.708

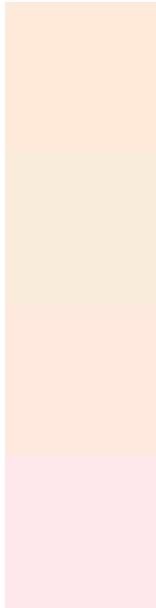
Deuteranopia

94, 8.586, 40.797



Tritanopia
94, 11.519, 338.149

Trichromacy



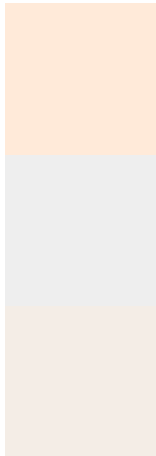
Original Color
94, 11.692, 67.763

Protanomaly
94, 10.565, 80.198

Deuteranomaly
94, 9.564, 52.166

Tritanomaly
94, 8.528, 6.024

Monochromacy



Original Color
94, 11.692, 67.763

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.365, 74.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 11.692, 67.763 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 11.692, 67.763 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, 217) }
```

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

```
.border{ border-color:rgb(255, 234, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 11.692, 67.763 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, 217) }
```

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

```
.background{ background-color: rgb(255,  
234, 217) }
```

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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