

Converting Colors

CIELCh(95, 12.557, 61.123)

Have a look what the booklet for
CIELCh(95, 12.557, 61.123) contains.

CIELCh(94, 10.781, 68.994)	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, 10.781, 68.994)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBDB
RGB	254, 235, 219
RGB Percent	100%, 92%, 86%
CMY	0.0056, 0.0800, 0.1427
CMYK	0.00, 0.07, 0.14, 0.01
HSL	27°, 92%, 93%
HSV	27°, 14%, 99%
XYZ	83.0461, 85.2715, 78.8354
YIQ	238.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

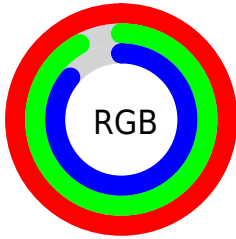
Format	Color
R _Y B	254, 248, 219
Decimal	16706523
CIE Lab	94.00, 3.86, 10.06
CIE LCh	94, 10.781, 68.994
Yxy	85.2715, 0.3360, 0.3450
Android (android.graphics.Color)	4294896603 (0xFFFEEDB)
YUV	238.8570, -9.7895, 13.2804
Hunter-Lab	92.3426, -1.0699, 14.0223

Details

The CIELCh color **94, 10.781, 68.994** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 10.310, 252.506**, 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, 10.740, 68.387** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.122, 67.853**, and if you desaturate by 10%, it is **98, 2.878, 70.056**.

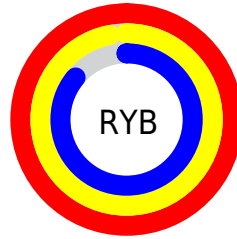
Distribution



Red (100%)

Green (92%)

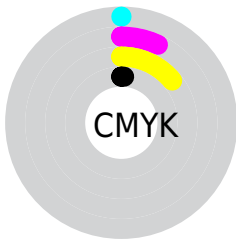
Blue (86%)



Red (100%)

Yellow (97%)

Blue (86%)

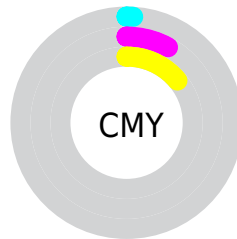


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.781, 68.994 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, 10.781, 68.994 by changing the saturation by 10% instead.

 94, 10.781, 68.994

 94, 10.781, 68.994

 100, 10.781,
68.994

 84, 10.781, 68.994

 74, 10.781, 68.994

 64, 10.781, 68.994

 54, 10.781, 68.994

 44, 10.781, 68.994

 34, 10.781, 68.994

 24, 10.781, 68.994

 14, 10.781, 68.994

 4, 10.781, 68.994

94, 10.781, 68.994

94, 10.781, 68.994

90, 19.122, 67.853

98, 2.878, 70.056

86, 27.930, 66.689

100, 0.496,
200.711

83, 37.216, 65.530

79, 46.941, 64.376

75, 56.968, 63.198

72, 66.967, 61.918

69, 76.239, 60.351

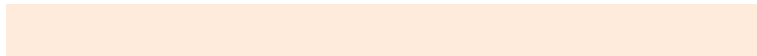
66, 83.589, 58.141

65, 86.973, 56.420

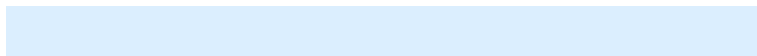
Harmonies

Complementary

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



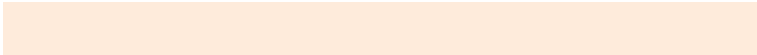
94, 10.781, 68.994



93, 10.310, 252.506

Rectangle

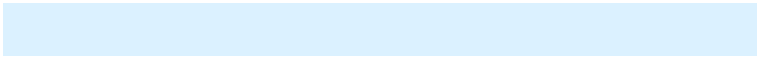
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 10.781, 68.994



94, 10.781, 118.994



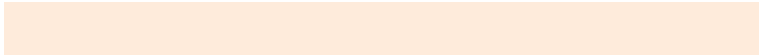
94, 10.781, 248.994



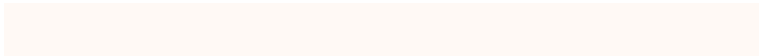
94, 10.781, 298.994

Sweetspot

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



94, 10.781, 69.009



98, 3.057, 70.040



91, 16.007, 342.154



52, 2.178, 69.978



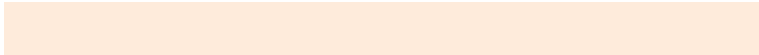
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 10.781, 69.009



93, 13.475, 68.640



98, 16.842, 106.703



51, 4.415, 69.490



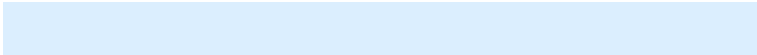
49, 70.030, 57.116



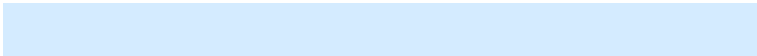
15, 27.109, 57.616

Inverse Universe

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



93, 10.310, 252.506



92, 12.733, 252.987



89, 17.329, 289.651



51, 4.288, 251.920



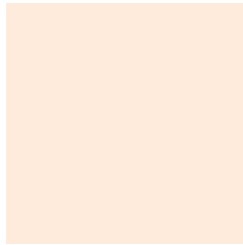
44, 53.469, 279.676



13, 21.979, 272.803

Previews

White Background



This preview shows how the CIE LCh color 94, 10.781, 68.994 looks on a white background.

Color Contrast Check

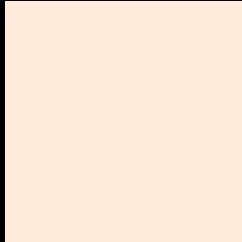
Large Text (above 18pt) WCAG AA × Fail

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, 10.781, 68.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

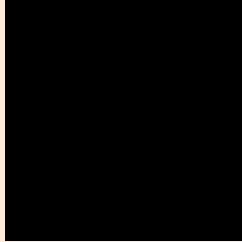
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.781, 68.994

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.781, 68.994.

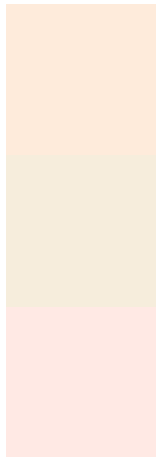


This preview shows how white text looks on a background with the CIELCh color 94, 10.781, 68.994.

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, 10.791, 68.988

Protanopia

94, 9.304, 88.725

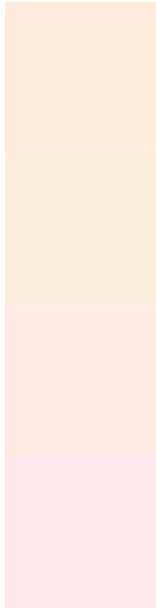
Deuteranopia

94, 8.404, 37.576



Tritanopia
94, 11.865, 336.301

Trichromacy



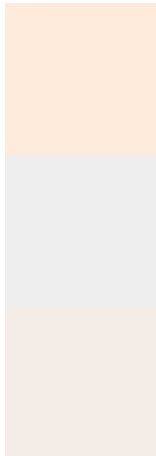
Original Color
94, 10.791, 68.988

Protanomaly
94, 9.931, 80.700

Deuteranomaly
94, 8.639, 51.979

Tritanomaly
94, 8.311, 1.948

Monochromacy



Original Color
94, 10.791, 68.988

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.954, 70.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.781, 68.994 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(254, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 219)  
}
```

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(254, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.781, 68.994 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(254, 235, 219) }
```

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

```
.border{ border-color:rgb(254, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.781, 68.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 235, 219) }
```

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

```
.background{ background-color: rgb(254,  
235, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor