

Converting Colors

CIELCh(100, 34.570, 40.793)

Have a look what the booklet for
CIELCh(100, 34.570, 40.793)
contains.

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Color

CIELCh(94, 13.968, 76.926)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBD4
RGB	255, 235, 212
RGB Percent	100%, 92%, 83%
CMY	0.0008, 0.0792, 0.1694
CMYK	0.00, 0.08, 0.17, 0.00
HSL	32°, 99%, 91%
HSV	32°, 17%, 100%
XYZ	82.6792, 85.2715, 74.2630
YIQ	238.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

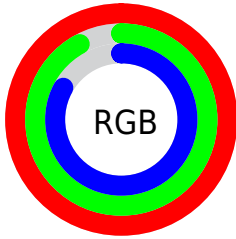
Format	Color
R _Y B	249, 255, 212
Decimal	16772052
CIE Lab	94.00, 3.16, 13.61
CIE LCh	94, 13.968, 76.926
Yxy	85.2715, 0.3413, 0.3521
Android (android.graphics.Color)	4294962132 (0xFFFFEBD4)
YUV	238.3580, -12.9945, 14.5950
Hunter-Lab	92.3426, -1.7791, 16.9581

Details

The CIELCh color **94, 13.968, 76.926** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.496, 261.555**, 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, 14.088, 76.642** is the 20% darker color. If you saturate the color by 10%, you get **91, 22.718, 75.637**, and if you desaturate by 10%, it is **97, 5.570, 78.178**.

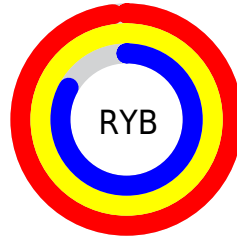
Distribution



Red (100%)

Green (92%)

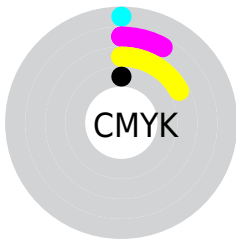
Blue (83%)



Red (98%)

Yellow (100%)

Blue (83%)

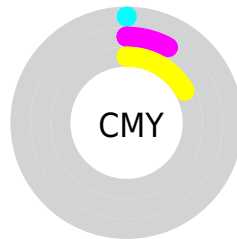


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 13.968, 76.926 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, 13.968, 76.926 by changing the saturation by 10% instead.

 94, 13.968, 76.926

 94, 13.968, 76.926

 100, 13.968,
76.926

 84, 13.968, 76.926

 74, 13.968, 76.926

 64, 13.968, 76.926

 54, 13.968, 76.926

 44, 13.968, 76.926

 34, 13.968, 76.926

 24, 13.968, 76.926

 14, 13.968, 76.926

 4, 13.968, 76.926

94, 13.968, 76.926

94, 13.968, 76.926

91, 22.718, 75.637

97, 5.570, 78.178

87, 31.826, 74.306

100, 0.069,
209.104

84, 41.262, 72.949

81, 50.932, 71.556

78, 60.605, 70.084

75, 69.804, 68.438

72, 77.662, 66.413

69, 83.018, 63.686

69, 84.355, 62.760

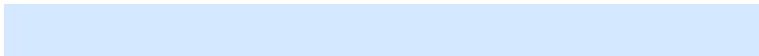
Harmonies

Complementary

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



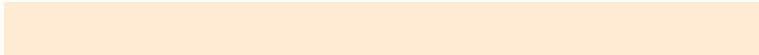
94, 13.968, 76.926



91, 13.496, 261.555

Rectangle

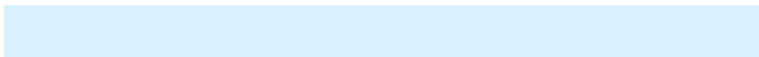
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.968, 76.926



94, 13.968, 126.926



94, 13.968, 256.926



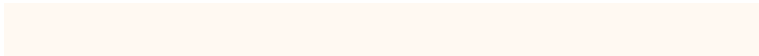
94, 13.968, 306.926

Sweetspot

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



94, 13.969, 76.938



98, 4.038, 78.387



89, 18.686, 346.990



52, 2.759, 78.311



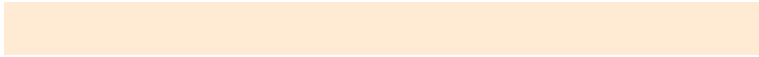
0, 0.000, 0.000



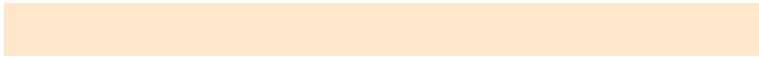
53, 0.007, 296.813

Same Dimension

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



94, 13.969, 76.938



93, 16.678, 76.535



99, 21.734, 109.934



51, 4.638, 77.864



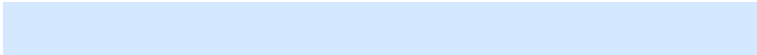
53, 67.794, 63.456



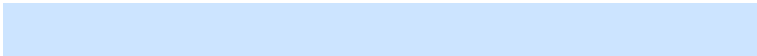
17, 27.043, 65.343

Inverse Universe

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



91, 13.496, 261.555



90, 15.996, 262.077



86, 22.599, 293.256



50, 4.559, 260.442



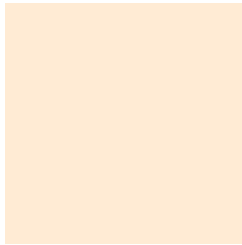
39, 62.490, 287.430



11, 25.280, 281.160

Previews

White Background



This preview shows how the CIE LCh color 94, 13.968, 76.926 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, 13.968, 76.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

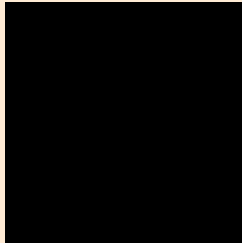
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 13.968, 76.926

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.968, 76.926.

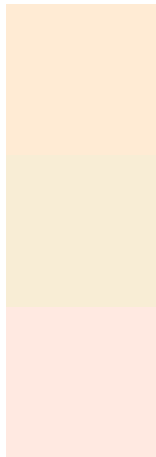


This preview shows how white text looks on a background with the CIELCh color 94, 13.968, 76.926.

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, 13.968, 76.926

Protanopia

94, 12.951, 90.835

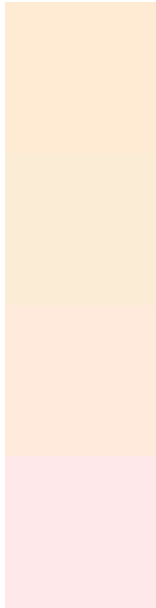
Deuteranopia

94, 9.029, 46.793



Tritanopia
94, 11.519, 338.149

Trichromacy



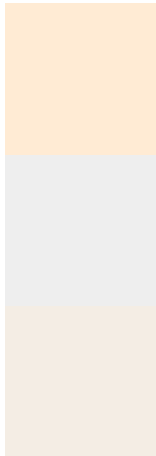
Original Color
94, 13.968, 76.926

Protanomaly
94, 12.884, 85.430

Deuteranomaly
94, 10.561, 62.441

Tritanomaly
94, 8.360, 12.877

Monochromacy



Original Color
94, 13.968, 76.926

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 5.243, 80.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.968, 76.926 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, 235, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 212)  
}
```

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, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.968, 76.926 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, 235, 212) }
```

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

```
.border{ border-color:rgb(255, 235, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 235, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.968, 76.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 212) }
```

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

```
.background{ background-color: rgb(255,  
235, 212) }
```

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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