

Converting Colors

CIELCh(94, 13.747, 77.923)

Have a look what the booklet for
CIELCh(94, 13.747, 77.923) contains.

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Color

CIELCh(94, 13.768, 78.249)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD4
RGB	254, 235, 212
RGB Percent	100%, 92%, 83%
CMY	0.0038, 0.0783, 0.1685
CMYK	0.00, 0.07, 0.17, 0.00
HSL	33°, 96%, 91%
HSV	33°, 17%, 100%
XYZ	82.4945, 85.2715, 74.4232
YIQ	238.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

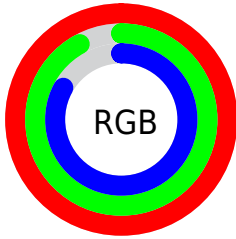
Format	Color
RYB	247, 254, 212
Decimal	16706516
CIELab	94.00, 2.80, 13.48
CIELCh	94, 13.768, 78.249
Yxy	85.2715, 0.3406, 0.3521
Android (android.graphics.Color)	4294896596 (0xFFFEED4)
YUV	238.0590, -12.8471, 13.9803
Hunter-Lab	92.3426, -2.1361, 16.8552

Details

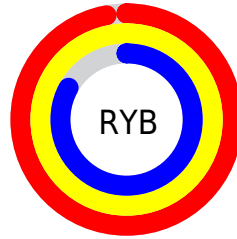
The CIELCh color **94, 13.768, 78.249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.358, 262.798**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **74, 13.873, 78.035** is the 20% darker color. If you saturate the color by 10%, you get **91, 22.540, 76.949**, and if you desaturate by 10%, it is **97, 5.332, 79.508**.

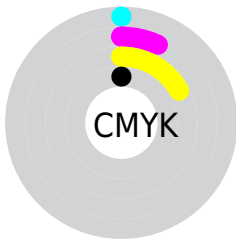
Distribution



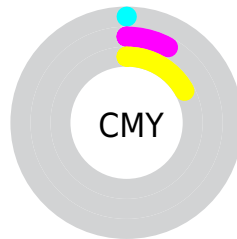
- Red (100%)
- Green (92%)
- Blue (83%)



- Red (97%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 13.768, 78.249 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, 13.768, 78.249 by changing the saturation by 10% instead.

 94, 13.768, 78.249

 94, 13.768, 78.249

 100, 13.768,
78.249

 84, 13.768, 78.249

 74, 13.768, 78.249

 64, 13.768, 78.249

 54, 13.768, 78.249

 44, 13.768, 78.249

 34, 13.768, 78.249

 24, 13.768, 78.249

 14, 13.768, 78.249

 4, 13.768, 78.249

94, 13.768, 78.249

94, 13.768, 78.249

91, 22.540, 76.949

97, 5.332, 79.508

87, 31.648, 75.604

100, 0.334,
201.371

84, 41.062, 74.229

81, 50.683, 72.814

78, 60.280, 71.320

75, 69.380, 69.654

73, 77.129, 67.625

70, 82.384, 64.919

69, 83.793, 63.887

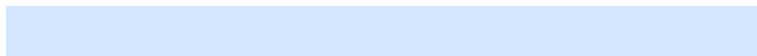
Harmonies

Complementary

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



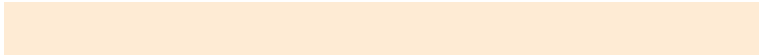
94, 13.768, 78.249



91, 13.358, 262.798

Rectangle

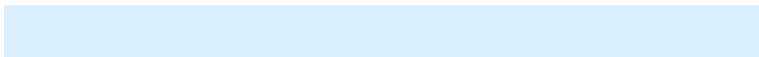
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 13.768, 78.249



94, 13.768, 128.249



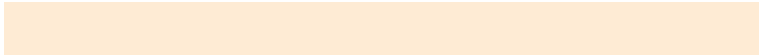
94, 13.768, 258.249



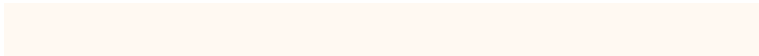
94, 13.768, 308.249

Sweetspot

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



94, 13.769, 78.261



98, 4.079, 79.679



89, 18.259, 346.956



52, 2.787, 79.602



0, 0.000, 0.000



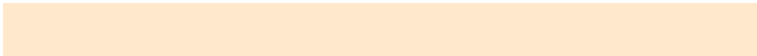
53, 0.007, 296.813

Same Dimension

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



94, 13.769, 78.261



93, 16.823, 77.810



99, 21.248, 109.965



51, 4.683, 79.150



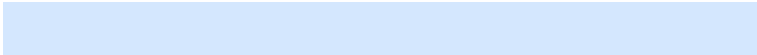
53, 67.519, 64.569



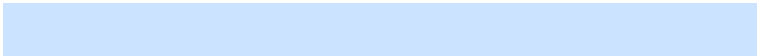
17, 27.080, 66.625

Inverse Universe

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



91, 13.358, 262.798



89, 16.201, 263.377



86, 22.075, 293.215



50, 4.612, 261.736



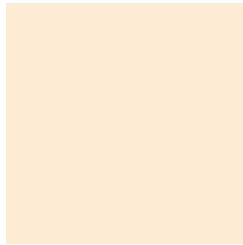
39, 64.045, 288.516



11, 25.862, 282.352

Previews

White Background



This preview shows how the CIE LCh color 94, 13.768, 78.249 looks on a white background.

Color Contrast Check

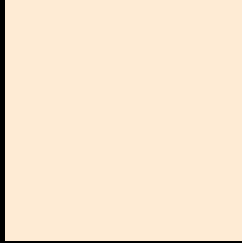
Large Text (above 18pt) WCAG AA × Fail

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, 13.768, 78.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

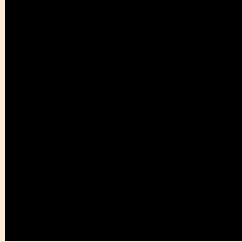
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 13.768, 78.249

Background



This preview shows how black text looks on a background with the CIELCh color 94, 13.768, 78.249.

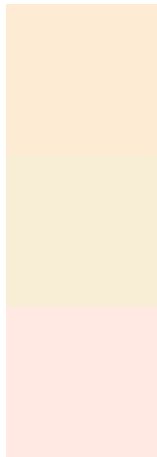


This preview shows how white text looks on a background with the CIELCh color 94, 13.768, 78.249.

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, 13.768, 78.249

Protanopia

94, 12.951, 90.835

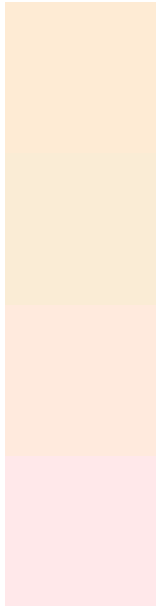
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 11.519, 338.149

Trichromacy



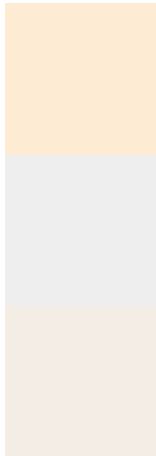
Original Color
94, 13.768, 78.249

Protanomaly
94, 12.884, 85.430

Deuteranomaly
94, 10.208, 60.405

Tritanomaly
94, 8.360, 12.877

Monochromacy



Original Color
94, 13.768, 78.249

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.797, 78.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 13.768, 78.249 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 235, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 13.768, 78.249 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, 212) }
```

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

```
.border{ border-color:rgb(254, 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(254, 235, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 13.768, 78.249 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, 212) }
```

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

```
.background{ background-color: rgb(254,  
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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