

Converting Colors

CIELCh(94, 15.644, 73.088)

Have a look what the booklet for
CIELCh(94, 15.644, 73.088) contains.

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Color

CIELCh(94, 15.069, 77.641)

Conversions

Conversions Part 1

Format	Color
Hex	FFEBD2
RGB	255, 235, 210
RGB Percent	100%, 92%, 82%
CMY	0.0000, 0.0796, 0.1777
CMYK	0.00, 0.08, 0.18, 0.00
HSL	33°, 100%, 91%
HSV	33°, 18%, 100%
XYZ	82.7133, 85.2715, 72.8623
YIQ	238.1300, 19.9450, -3.5350

Conversions

Conversions Part 2

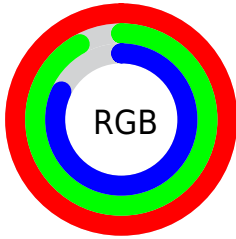
Format	Color
R _Y B	246, 255, 210
Decimal	16772050
CIE Lab	94.00, 3.23, 14.72
CIE LCh	94, 15.069, 77.641
Yxy	85.2715, 0.3434, 0.3540
Android (android.graphics.Color)	4294962130 (0xFFFFEBD2)
YUV	238.1300, -13.8681, 14.7950
Hunter-Lab	92.3426, -1.7131, 17.8574

Details

The CIELCh color `94, 15.069, 77.641` is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be `91, 14.463, 263.433`, 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, 15.026, 78.652` is the 20% darker color. If you saturate the color by 10%, you get `91, 23.789, 77.205`, and if you desaturate by 10%, it is `97, 6.402, 79.790`.

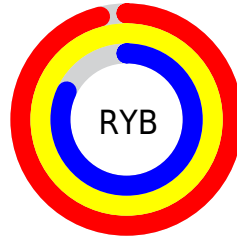
Distribution



Red (100%)

Green (92%)

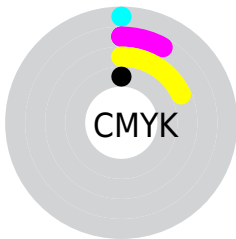
Blue (82%)



Red (96%)

Yellow (100%)

Blue (82%)

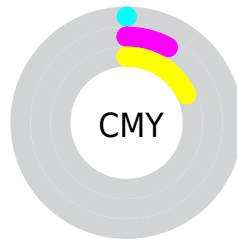


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 15.069, 77.641 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, 15.069, 77.641 by changing the saturation by 10% instead.

 94, 15.069, 77.641

 94, 15.069, 77.641

 100, 15.069,
77.641

 84, 15.069, 77.641

 74, 15.069, 77.641

 64, 15.069, 77.641

 54, 15.069, 77.641

 44, 15.069, 77.641

 34, 15.069, 77.641

 24, 15.069, 77.641

 14, 15.069, 77.641

 4, 15.069, 77.641

94, 15.069, 77.641

94, 15.069, 77.641

91, 23.789, 77.205

97, 6.402, 79.790

87, 32.977, 75.852

100, 0.012,
296.813

84, 42.457, 74.467

81, 52.114, 73.038

78, 61.690, 71.520

75, 70.665, 69.814

73, 78.133, 67.712

70, 83.014, 64.917

70, 83.919, 64.262

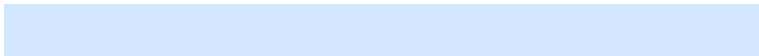
Harmonies

Complementary

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



94, 15.069, 77.641



91, 14.463, 263.433

Rectangle

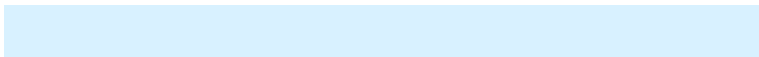
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 15.069, 77.641



94, 15.069, 127.641



94, 15.069, 257.641



94, 15.069, 307.641

Sweetspot

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



94, 14.930, 78.526



98, 4.094, 80.110



88, 19.515, 348.056



52, 2.797, 80.032



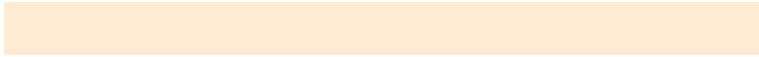
0, 0.000, 0.000



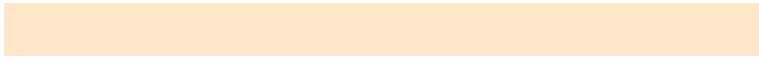
53, 0.007, 296.813

Same Dimension

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



94, 14.930, 78.526



93, 17.752, 78.104



99, 22.912, 110.552



51, 4.699, 79.579



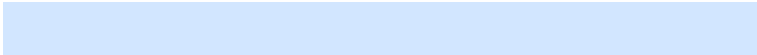
53, 67.433, 64.949



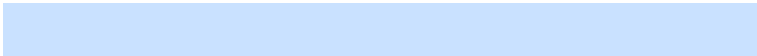
17, 27.096, 67.058

Inverse Universe

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



91, 14.463, 263.433



89, 17.084, 263.982



86, 23.875, 293.963



50, 4.630, 262.167



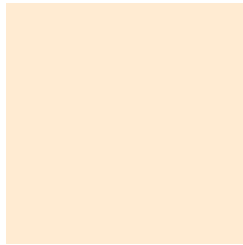
39, 64.574, 288.872



11, 26.061, 282.745

Previews

White Background



This preview shows how the CIE LCh color 94, 15.069, 77.641 looks on a white background.

Color Contrast Check

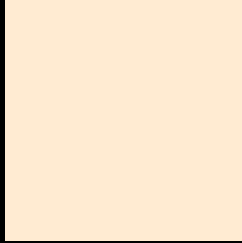
Large Text (above 18pt) WCAG AA × Fail

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, 15.069, 77.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

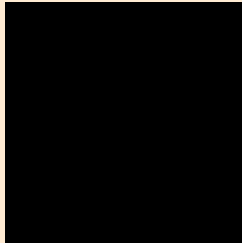
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 15.069, 77.641

Background



This preview shows how black text looks on a background with the CIELCh color 94, 15.069, 77.641.

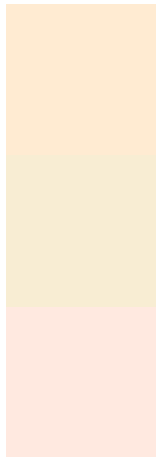


This preview shows how white text looks on a background with the CIELCh color 94, 15.069, 77.641.

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, 14.859, 78.891

Protanopia

94, 13.931, 92.034

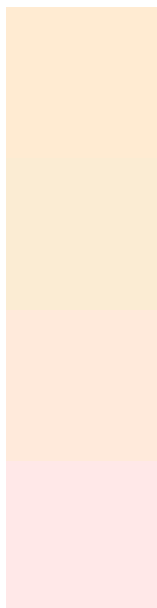
Deuteranopia

94, 9.286, 49.558



Tritanopia
94, 11.186, 340.111

Trichromacy



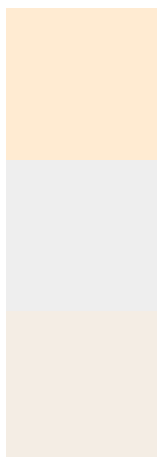
Original Color
94, 14.859, 78.891

Protanomaly
94, 13.982, 85.578

Deuteranomaly
94, 10.927, 64.340

Tritanomaly
94, 8.319, 19.904

Monochromacy



Original Color
94, 14.859, 78.891

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, 15.069, 77.641 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 15.069, 77.641 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, 210) }
```

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

```
.border{ border-color:rgb(255, 235, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 15.069, 77.641 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
235, 210) }
```

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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