

Converting Colors

CIELCh(94, 12.613, 75.521)

Have a look what the booklet for
CIELCh(94, 12.613, 75.521) contains.

CIELCh(94, 12.885, 76.058)	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, 12.885, 76.058)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD6
RGB	254, 235, 214
RGB Percent	100%, 92%, 84%
CMY	0.0043, 0.0787, 0.1611
CMYK	0.00, 0.07, 0.16, 0.00
HSL	32°, 95%, 92%
HSV	32°, 16%, 100%
XYZ	82.6505, 85.2715, 75.6644
YIQ	238.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

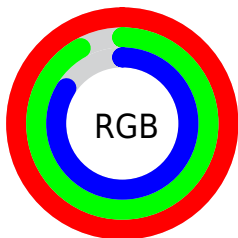
Format	Color
R _Y B	250, 254, 214
Decimal	16706518
CIE Lab	94.00, 3.10, 12.51
CIE LCh	94, 12.885, 76.058
Yxy	85.2715, 0.3393, 0.3501
Android (android.graphics.Color)	4294896598 (0xFFFEED6)
YUV	238.2870, -11.9735, 13.7803
Hunter-Lab	92.3426, -1.8345, 16.0583

Details

The CIELCh color **94, 12.885, 76.058** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.452, 260.345**, 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, 12.943, 75.778** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.530, 74.785**, and if you desaturate by 10%, it is **98, 4.602, 77.285**.

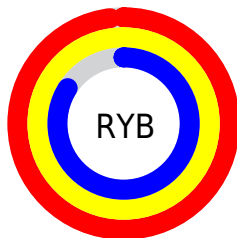
Distribution



Red (100%)

Green (92%)

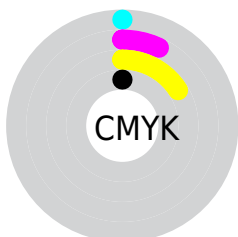
Blue (84%)



Red (98%)

Yellow (100%)

Blue (84%)

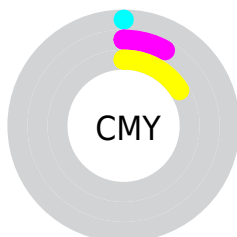


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.885, 76.058 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, 12.885, 76.058 by changing the saturation by 10% instead.

 94, 12.885, 76.058

 94, 12.885, 76.058

 100, 12.885,
76.058

 84, 12.885, 76.058

 74, 12.885, 76.058

 64, 12.885, 76.058

 54, 12.885, 76.058

 44, 12.885, 76.058

 34, 12.885, 76.058

 24, 12.885, 76.058

 14, 12.885, 76.058

 4, 12.885, 76.058

94, 12.885, 76.058

94, 12.885, 76.058

91, 21.530, 74.785

98, 4.602, 77.285

87, 30.546, 73.472

100, 0.378,
201.134

84, 39.915, 72.136

81, 49.555, 70.768

77, 59.263, 69.333

74, 68.606, 67.740

72, 76.771, 65.798

69, 82.582, 63.178

68, 84.439, 61.911

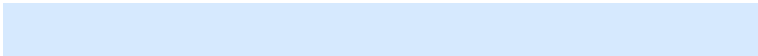
Harmonies

Complementary

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



94, 12.885, 76.058



92, 12.452, 260.345

Rectangle

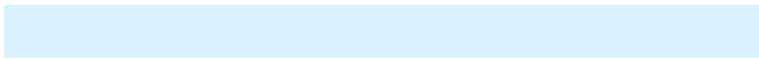
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.885, 76.058



94, 12.885, 126.058



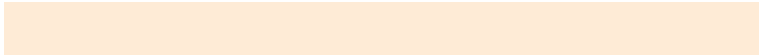
94, 12.885, 256.058



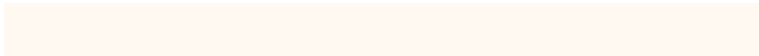
94, 12.885, 306.058

Sweetspot

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



94, 12.886, 76.071



98, 4.007, 77.365



89, 17.558, 345.927



52, 2.739, 77.290



0, 0.000, 0.000



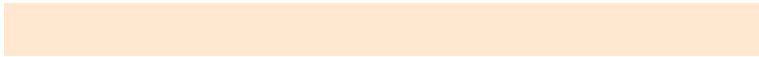
53, 0.007, 296.813

Same Dimension

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



94, 12.886, 76.071



93, 15.708, 75.657



99, 20.233, 109.340



51, 4.604, 76.847



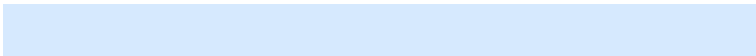
52, 68.027, 62.604



16, 27.023, 64.348

Inverse Universe

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



92, 12.452, 260.345



90, 15.056, 260.876



87, 20.983, 292.517



50, 4.519, 259.416



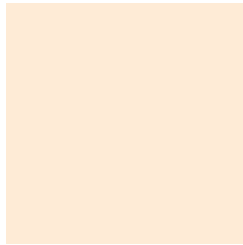
40, 61.295, 286.554



11, 24.834, 280.202

Previews

White Background



This preview shows how the CIE LCh color 94, 12.885, 76.058 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, 12.885, 76.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

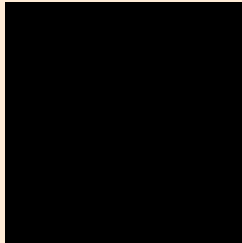
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

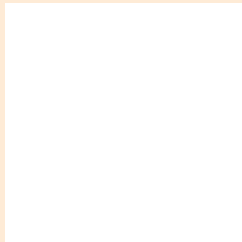
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 94, 12.885, 76.058

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.885, 76.058.

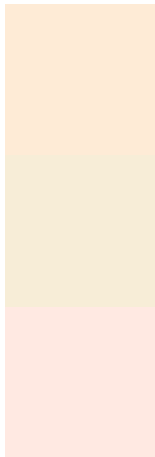


This preview shows how white text looks on a background with the CIELCh color 94, 12.885, 76.058.

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, 12.885, 76.058

Protanopia

94, 11.856, 91.120

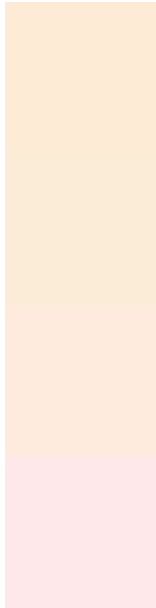
Deuteranopia

94, 8.796, 43.871



Tritanopia
94, 11.519, 338.149

Trichromacy



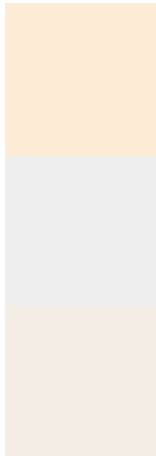
Original Color
94, 12.885, 76.058

Protanomaly
94, 11.944, 83.591

Deuteranomaly
94, 9.870, 58.224

Tritanomaly
94, 8.360, 12.877

Monochromacy



Original Color
94, 12.885, 76.058

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, 12.885, 76.058 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.885, 76.058 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, 214) }
```

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

```
.border{ border-color:rgb(254, 235, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 214);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.885, 76.058 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, 214) }
```

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

```
.background{ background-color: rgb(254,  
235, 214) }
```

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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