

Converting Colors

CIELCh(94, 10.783, 72.764)

Have a look what the booklet for
CIELCh(94, 10.783, 72.764) contains.

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Color

CIELCh(94, 10.738, 73.716)

Conversions

Conversions Part 1

Format	Color
Hex	FCEBDA
RGB	252, 235, 218
RGB Percent	99%, 92%, 85%
CMY	0.0113, 0.0779, 0.1446
CMYK	0.00, 0.07, 0.13, 0.01
HSL	30°, 86%, 92%
HSV	30°, 13%, 99%
XYZ	82.6019, 85.2715, 78.5162
YIQ	238.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

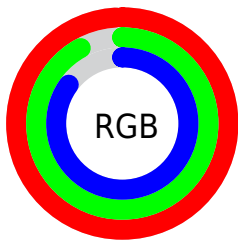
Format	Color
R _Y B	252, 252, 218
Decimal	16575450
CIE Lab	94.00, 3.01, 10.31
CIE LCh	94, 10.738, 73.716
Yxy	85.2715, 0.3352, 0.3461
Android (android.graphics.Color)	4294765530 (0xFFFCBDA)
YUV	238.1450, -9.9315, 12.1508
Hunter-Lab	92.3426, -1.9285, 14.2273

Details

The CIELCh color **94, 10.738, 73.716** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 10.379, 257.311**, 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, 10.673, 73.388** is the 20% darker color. If you saturate the color by 10%, you get **90, 19.153, 72.490**, and if you desaturate by 10%, it is **98, 2.707, 74.848**.

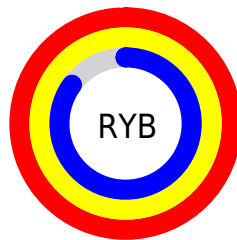
Distribution



Red (99%)

Green (92%)

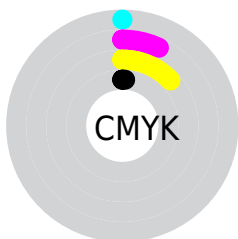
Blue (85%)



Red (99%)

Yellow (99%)

Blue (85%)

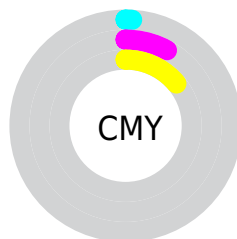


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (8%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 10.738, 73.716 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, 10.738, 73.716 by changing the saturation by 10% instead.

 94, 10.738, 73.716

 94, 10.738, 73.716

 100, 10.738,
73.716

 84, 10.738, 73.716

 74, 10.738, 73.716

 64, 10.738, 73.716

 54, 10.738, 73.716

 44, 10.738, 73.716

 34, 10.738, 73.716

 24, 10.738, 73.716

 14, 10.738, 73.716

 4, 10.738, 73.716

94, 10.738, 73.716

94, 10.738, 73.716

90, 19.153, 72.490

98, 2.707, 74.848

87, 27.972, 71.224

100, 1.000,
200.005

83, 37.193, 69.945

80, 46.765, 68.648

77, 56.534, 67.306

74, 66.151, 65.843

71, 74.919, 64.088

68, 81.700, 61.722

66, 84.848, 59.820

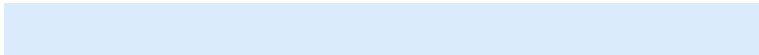
Harmonies

Complementary

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



94, 10.738, 73.716



92, 10.379, 257.311

Rectangle

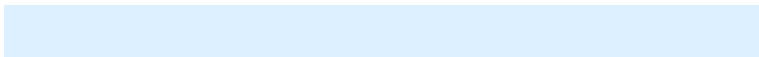
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 10.738, 73.716



94, 10.738, 123.716



94, 10.738, 253.716



94, 10.738, 303.716

Sweetspot

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



94, 10.739, 73.731



98, 3.140, 74.806



90, 15.072, 344.781



52, 2.236, 74.736



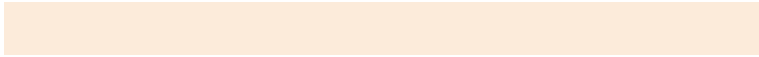
0, 0.000, 0.000



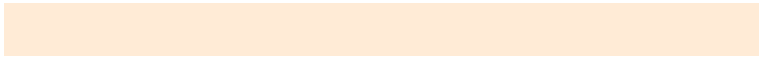
53, 0.007, 296.813

Same Dimension

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



94, 10.739, 73.731



94, 12.935, 73.422



98, 17.233, 108.863



50, 4.451, 74.211



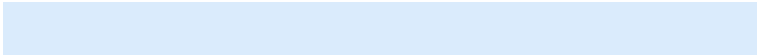
51, 67.991, 60.543



15, 25.831, 61.666

Inverse Universe

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



92, 10.379, 257.311



92, 12.410, 257.698



88, 17.777, 291.635



50, 4.353, 256.740



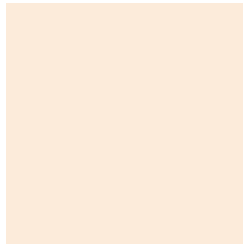
41, 57.692, 284.156



11, 22.959, 277.250

Previews

White Background



This preview shows how the CIE LCh color 94, 10.738, 73.716 looks on a white background.

Color Contrast Check

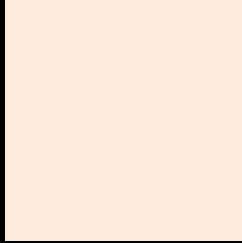
Large Text (above 18pt) WCAG AA × Fail

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, 10.738, 73.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

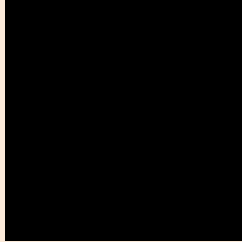
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 10.738, 73.716

Background



This preview shows how black text looks on a background with the CIELCh color 94, 10.738, 73.716.

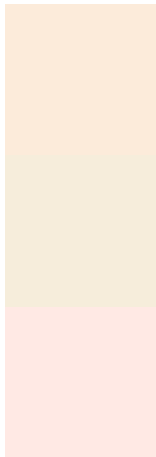


This preview shows how white text looks on a background with the CIELCh color 94, 10.738, 73.716.

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, 10.738, 73.716

Protanopia

94, 9.788, 89.721

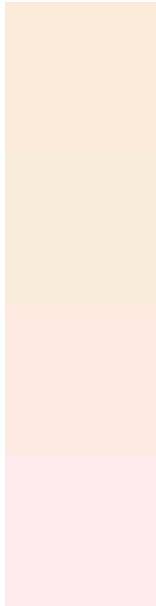
Deuteranopia

94, 8.404, 37.576



Tritanopia
94, 12.223, 334.562

Trichromacy



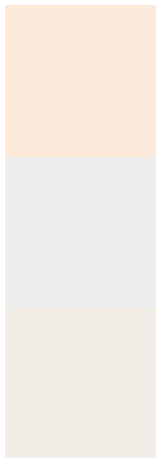
Original Color
94, 10.738, 73.716

Protanomaly
94, 9.758, 82.610

Deuteranomaly
94, 8.934, 54.700

Tritanomaly
94, 7.818, 4.673

Monochromacy



Original Color
94, 10.738, 73.716

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 3.737, 74.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 10.738, 73.716 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(252, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 218)  
}
```

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(252, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 10.738, 73.716 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(252, 235, 218) }
```

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

```
.border{ border-color:rgb(252, 235, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 235, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 235, 218); box-shadow:4px 4px 4px 4px rgb(252, 235, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 10.738, 73.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 218) }
```

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

```
.background{ background-color: rgb(252,  
235, 218) }
```

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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