

Converting Colors

CIELCh(94, 12.080, 73.658)

Have a look what the booklet for
CIELCh(94, 12.080, 73.658) contains.

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Color

CIELCh(94, 12.025, 73.535)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD8
RGB	254, 235, 216
RGB Percent	100%, 92%, 85%
CMY	0.0048, 0.0792, 0.1538
CMYK	0.00, 0.07, 0.15, 0.00
HSL	30°, 94%, 92%
HSV	30°, 15%, 100%
XYZ	82.8084, 85.2715, 76.9187
YIQ	238.5150, 17.4230, -1.8810

Conversions

Conversions Part 2

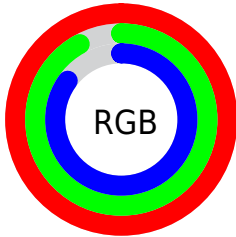
Format	Color
R _Y B	254, 254, 216
Decimal	16706520
CIE Lab	94.00, 3.41, 11.53
CIE LCh	94, 12.025, 73.535
Yxy	85.2715, 0.3380, 0.3480
Android (android.graphics.Color)	4294896600 (0xFFFEED8)
YUV	238.5150, -11.0999, 13.5803
Hunter-Lab	92.3426, -1.5293, 15.2529

Details

The CIELCh color **94, 12.025, 73.535** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.573, 257.537**, 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, 12.038, 73.160** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.544, 72.302**, and if you desaturate by 10%, it is **98, 3.896, 74.715**.

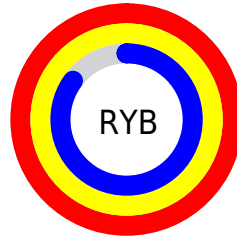
Distribution



Red (100%)

Green (92%)

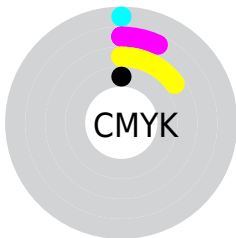
Blue (85%)



Red (100%)

Yellow (100%)

Blue (85%)

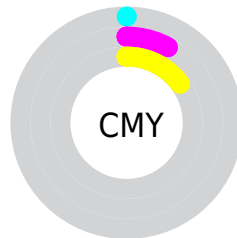


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.025, 73.535 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, 12.025, 73.535 by changing the saturation by 10% instead.

 94, 12.025, 73.535

 94, 12.025, 73.535

 100, 12.025,
73.535

 84, 12.025, 73.535

 74, 12.025, 73.535

 64, 12.025, 73.535

 54, 12.025, 73.535

 44, 12.025, 73.535

 34, 12.025, 73.535

 24, 12.025, 73.535

 14, 12.025, 73.535

 4, 12.025, 73.535

94, 12.025, 73.535

94, 12.025, 73.535

90, 20.544, 72.302

98, 3.896, 74.715

87, 29.472, 71.033

100, 0.423,
200.946

83, 38.800, 69.752

80, 48.466, 68.450

77, 58.293, 67.096

74, 67.889, 65.602

71, 76.485, 63.779

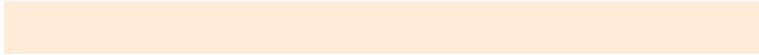
68, 82.888, 61.285

67, 85.278, 59.805

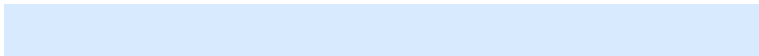
Harmonies

Complementary

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



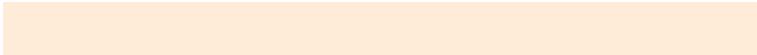
94, 12.025, 73.535



92, 11.573, 257.537

Rectangle

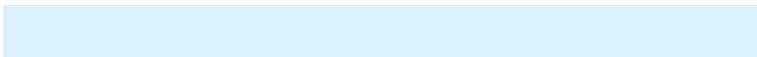
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.025, 73.535



94, 12.025, 123.535



94, 12.025, 253.535



94, 12.025, 303.535

Sweetspot

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



94, 12.026, 73.549



98, 3.140, 74.806



90, 16.846, 344.922



52, 2.236, 74.736



0, 0.000, 0.000



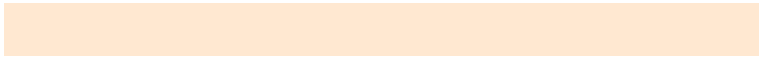
53, 0.007, 296.813

Same Dimension

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



94, 12.026, 73.549



93, 14.622, 73.174



99, 19.222, 108.718



51, 4.526, 74.208



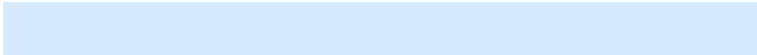
51, 68.688, 60.505



16, 27.010, 61.841

Inverse Universe

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



92, 11.573, 257.537



91, 13.946, 258.018



87, 19.897, 291.815



51, 4.425, 256.742



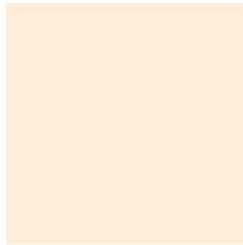
41, 58.326, 284.201



12, 23.739, 277.647

Previews

White Background



This preview shows how the CIE LCh color 94, 12.025, 73.535 looks on a white background.

Color Contrast Check

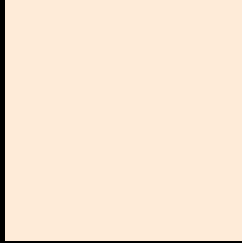
Large Text (above 18pt) WCAG AA × Fail

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, 12.025, 73.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

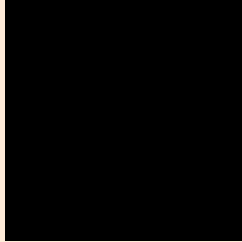
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.025, 73.535

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.025, 73.535.

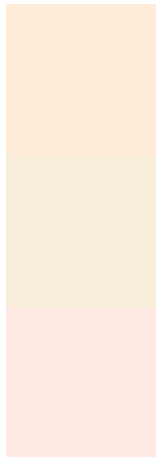


This preview shows how white text looks on a background with the CIELCh color 94, 12.025, 73.535.

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, 12.025, 73.535

Protanopia

94, 10.882, 89.574

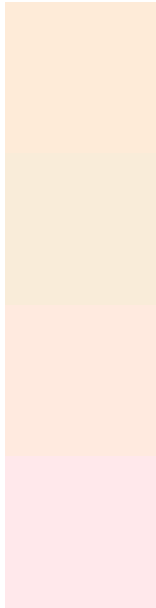
Deuteranopia

94, 8.586, 40.797



Tritanopia
94, 11.519, 338.149

Trichromacy



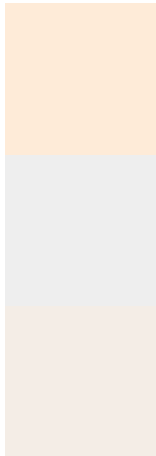
Original Color
94, 12.025, 73.535

Protanomaly
94, 10.850, 83.164

Deuteranomaly
94, 9.547, 55.889

Tritanomaly
94, 8.429, 9.416

Monochromacy



Original Color
94, 12.025, 73.535

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 4.365, 74.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 12.025, 73.535 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 235, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 235, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 12.025, 73.535 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, 216) }
```

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

```
.border{ border-color:rgb(254, 235, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 235,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 12.025, 73.535 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, 216) }
```

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

```
.background{ background-color: rgb(254,  
235, 216) }
```

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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