

Converting Colors

CIELCh(100, 32.603, 38.774)

Have a look what the booklet for
CIELCh(100, 32.603, 38.774)
contains.

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Color

CIElCh(94, 12.015, 73.542)

Conversions

Conversions Part 1

Format	Color
Hex	FEEBD8
RGB	254, 235, 216
RGB Percent	100%, 92%, 85%
CMY	0.0048, 0.0792, 0.1537
CMYK	0.00, 0.07, 0.15, 0.00
HSL	30°, 94%, 92%
HSV	30°, 15%, 100%
XYZ	82.8062, 85.2715, 76.9306
YIQ	238.5150, 17.4230, -1.8810

Conversions

Conversions Part 2

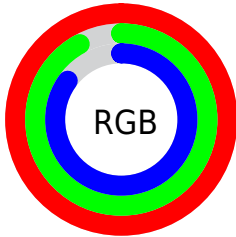
Format	Color
R _Y B	254, 254, 216
Decimal	16706520
CIE Lab	94.00, 3.40, 11.52
CIE LCh	94, 12.015, 73.542
Yxy	85.2715, 0.3380, 0.3480
Android (android.graphics.Color)	4294896600 (0xFFFEED8)
YUV	238.5150, -11.0999, 13.5803
Hunter-Lab	92.3426, -1.5335, 15.2453

Details

The CIELCh color **94, 12.015, 73.542** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 11.564, 257.541**, 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, 20.534, 72.309**, and if you desaturate by 10%, it is **98, 3.887, 74.721**.

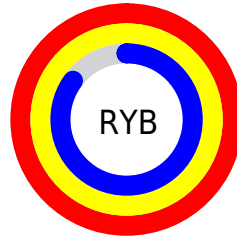
Distribution



Red (100%)

Green (92%)

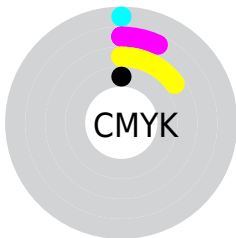
Blue (85%)



Red (100%)

Yellow (100%)

Blue (85%)

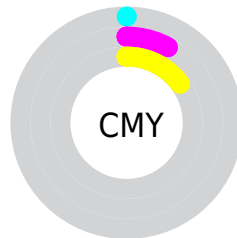


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 94, 12.015, 73.542 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, 12.015, 73.542 by changing the saturation by 10% instead.

 94, 12.015, 73.542

 94, 12.015, 73.542

 100, 12.015,
73.542

 84, 12.015, 73.542

 74, 12.015, 73.542

 64, 12.015, 73.542

 54, 12.015, 73.542

 44, 12.015, 73.542

 34, 12.015, 73.542

 24, 12.015, 73.542

 14, 12.015, 73.542

 4, 12.015, 73.542

94, 12.015, 73.542

94, 12.015, 73.542

90, 20.534, 72.309

98, 3.887, 74.721

87, 29.460, 71.040

100, 0.428,
200.927

83, 38.788, 69.759

80, 48.453, 68.457

77, 58.279, 67.103

74, 67.874, 65.609

71, 76.471, 63.786

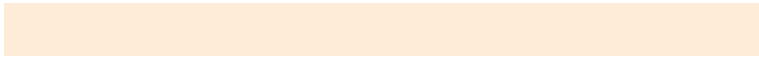
68, 82.877, 61.293

67, 85.272, 59.810

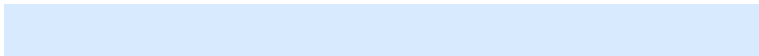
Harmonies

Complementary

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



94, 12.015, 73.542



92, 11.564, 257.541

Rectangle

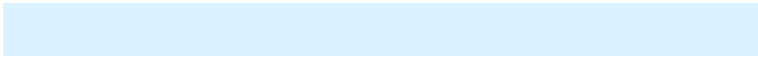
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 12.015, 73.542



94, 12.015, 123.542



94, 12.015, 253.542



94, 12.015, 303.542

Sweetspot

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



94, 12.016, 73.556



98, 3.140, 74.812



90, 16.831, 344.921



52, 2.236, 74.742



0, 0.000, 0.000



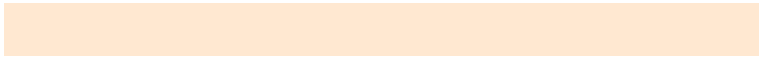
53, 0.007, 296.813

Same Dimension

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



94, 12.016, 73.556



93, 14.622, 73.179



99, 19.206, 108.719



51, 4.526, 74.214



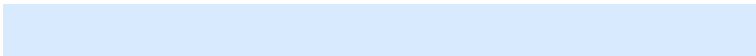
51, 68.686, 60.509



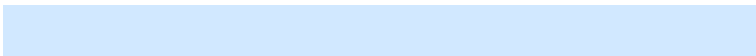
16, 27.010, 61.846

Inverse Universe

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



92, 11.564, 257.541



91, 13.947, 258.024



87, 19.880, 291.814



51, 4.426, 256.748



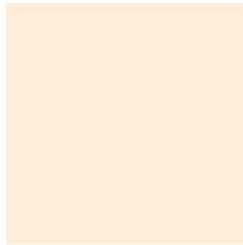
41, 58.332, 284.206



12, 23.741, 277.653

Previews

White Background



This preview shows how the CIE LCh color 94, 12.015, 73.542 looks on a white background.

Color Contrast Check

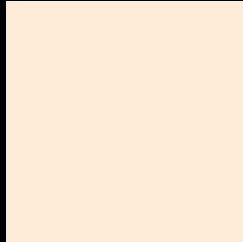
Large Text (above 18pt) WCAG AA × Fail

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, 12.015, 73.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

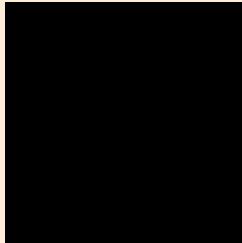
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 94, 12.015, 73.542

Background



This preview shows how black text looks on a background with the CIELCh color 94, 12.015, 73.542.

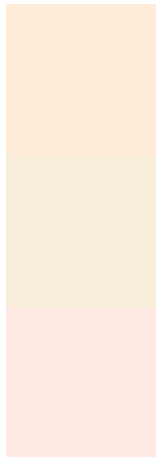


This preview shows how white text looks on a background with the CIELCh color 94, 12.015, 73.542.

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

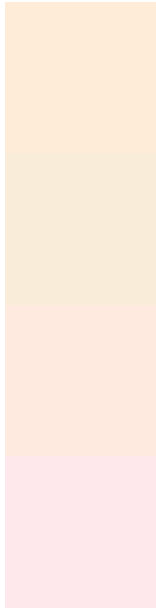
Deuteranopia

94, 8.586, 40.797



Tritanopia
94, 11.519, 338.149

Trichromacy



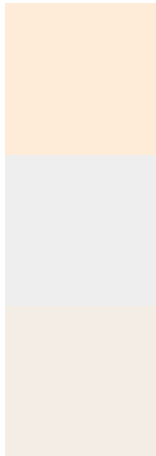
Original Color
94, 12.025, 73.535

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, 12.015, 73.542 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, 12.015, 73.542 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, 12.015, 73.542 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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