

Converting Colors

CIELCh(93, 15.439, 73.040)

Have a look what the booklet for
CIELCh(93, 15.439, 73.040) contains.

CIELCh(93, 15.319, 73.057)	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(93, 15.319, 73.057)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7CF
RGB	255, 231, 207
RGB Percent	100%, 91%, 81%
CMY	0.0000, 0.0938, 0.1880
CMYK	0.00, 0.09, 0.19, 0.00
HSL	30°, 100%, 91%
HSV	30°, 19%, 100%
XYZ	81.1270, 82.9670, 70.8097
YIQ	235.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

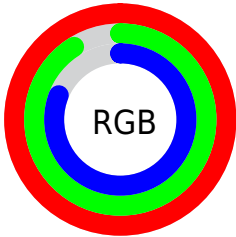
Format	Color
R _Y B	255, 255, 207
Decimal	16771023
CIE Lab	93.00, 4.46, 14.65
CIE LCh	93, 15.319, 73.057
Yxy	82.9670, 0.3454, 0.3532
Android (android.graphics.Color)	4294961103 (0xFFFFE7CF)
YUV	235.4400, -14.0209, 17.1541
Hunter-Lab	91.0862, -0.4179, 17.6688

Details

The CIELCh color **93, 15.319, 73.057** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 14.566, 258.219**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 15.103, 71.433** is the 20% darker color. If you saturate the color by 10%, you get **89, 24.015, 71.883**, and if you desaturate by 10%, it is **97, 6.995, 74.360**.

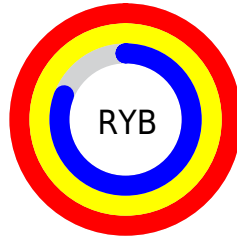
Distribution



Red (100%)

Green (91%)

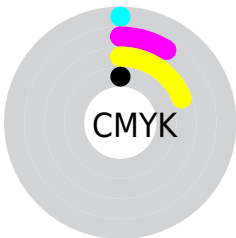
Blue (81%)



Red (100%)

Yellow (100%)

Blue (81%)

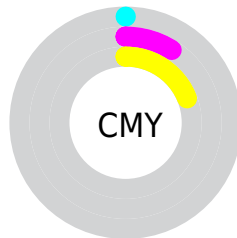


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 15.319, 73.057 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 93, 15.319, 73.057 by changing the saturation by 10% instead.

 93, 15.319, 73.057

 93, 15.319, 73.057

 100, 15.319,
73.057

 83, 15.319, 73.057

 73, 15.319, 73.057

 63, 15.319, 73.057

 53, 15.319, 73.057

 43, 15.319, 73.057

 33, 15.319, 73.057

 23, 15.319, 73.057

 13, 15.319, 73.057

 3, 15.319, 73.057

93, 15.319, 73.057

93, 15.319, 73.057

89, 24.015, 71.883

97, 6.995, 74.360

86, 33.135, 70.608

100, 0.012,
296.813

82, 42.641, 69.319

79, 52.435, 68.000

76, 62.270, 66.605

73, 71.628, 65.012

70, 79.556, 62.975

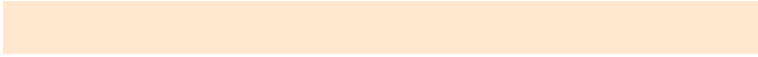
67, 84.980, 60.186

67, 85.569, 59.847

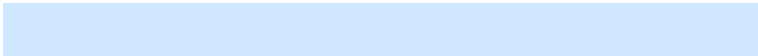
Harmonies

Complementary

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



93, 15.319, 73.057



91, 14.566, 258.219

Rectangle

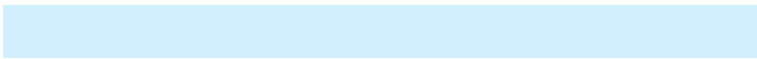
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 15.319, 73.057



93, 15.319, 123.057



93, 15.319, 253.057



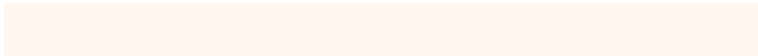
93, 15.319, 303.057

Sweetspot

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



93, 15.305, 73.142



98, 4.737, 74.676



88, 21.317, 345.295



52, 3.147, 74.605



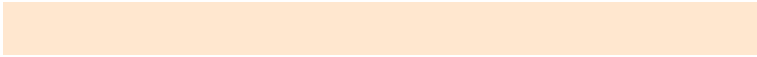
0, 0.000, 0.000



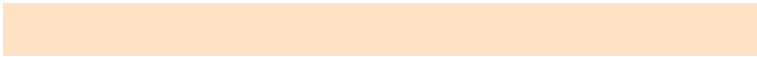
53, 0.007, 296.813

Same Dimension

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



93, 15.305, 73.142



91, 18.914, 72.616



99, 24.201, 108.342



51, 4.528, 74.277



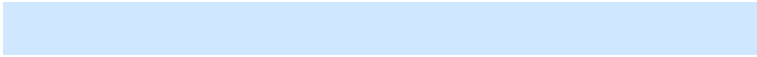
51, 68.670, 60.557



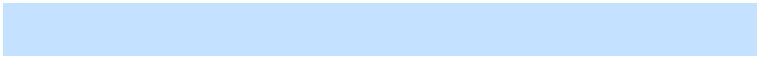
16, 27.010, 61.905

Inverse Universe

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



91, 14.566, 258.219



89, 17.777, 258.943



85, 25.283, 292.303



51, 4.428, 256.812



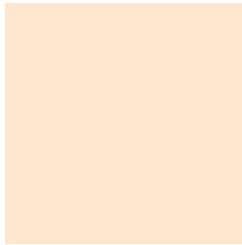
41, 58.400, 284.264



12, 23.766, 277.715

Previews

White Background



This preview shows how the CIE LCh color 93, 15.319, 73.057 looks on a white background.

Color Contrast Check

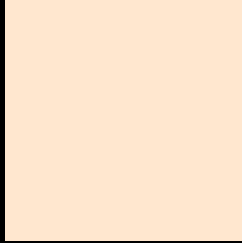
Large Text (above 18pt) WCAG AA × Fail

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 93, 15.319, 73.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

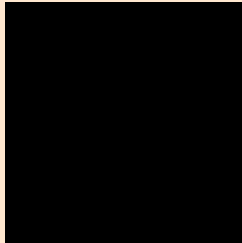
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 15.319, 73.057

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.319, 73.057.

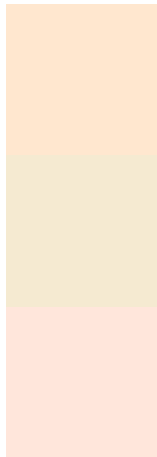


This preview shows how white text looks on a background with the CIELCh color 93, 15.319, 73.057.

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

93, 15.319, 73.057

Protanopia

93, 13.473, 91.436

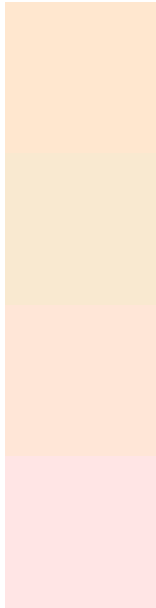
Deuteranopia

93, 10.834, 51.248



Tritanopia
93, 12.051, 343.511

Trichromacy



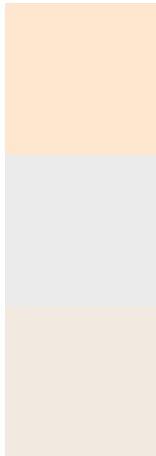
Original Color
93, 15.319, 73.057

Protanomaly
93, 14.174, 84.156

Deuteranomaly
93, 12.092, 59.327

Tritanomaly
93, 9.448, 19.999

Monochromacy



Original Color
93, 15.319, 73.057

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.439, 77.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.319, 73.057 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, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 207)  
}
```

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, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.319, 73.057 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, 231, 207) }
```

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

```
.border{ border-color:rgb(255, 231, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.319, 73.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 207) }
```

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

```
.background{ background-color: rgb(255,  
231, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor