

Converting Colors

CIELCh(97, 28.534, 39.302)

Have a look what the booklet for
CIELCh(97, 28.534, 39.302) contains.

CIELCh(93, 13.170, 64.277)	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, 13.170, 64.277)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D4
RGB	255, 230, 212
RGB Percent	100%, 90%, 83%
CMY	0.0000, 0.0963, 0.1669
CMYK	0.00, 0.10, 0.17, 0.00
HSL	25°, 100%, 92%
HSV	25°, 17%, 100%
XYZ	81.7710, 82.9670, 74.2844
YIQ	235.4230, 20.6780, -0.2980

Conversions

Conversions Part 2

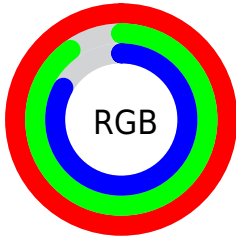
Format	Color
R _Y B	255, 243, 212
Decimal	16770772
CIE Lab	93.00, 5.72, 11.86
CIE LCh	93, 13.170, 64.277
Yxy	82.9670, 0.3421, 0.3471
Android (android.graphics.Color)	4294960852 (0xFFFFE6D4)
YUV	235.4230, -11.5475, 17.1690
Hunter-Lab	91.0862, 0.8443, 15.4070

Details

The CIELCh color **93, 13.170, 64.277** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.225, 248.845**, 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, 13.398, 66.209** is the 20% darker color. If you saturate the color by 10%, you get **89, 21.510, 63.763**, and if you desaturate by 10%, it is **97, 5.073, 65.853**.

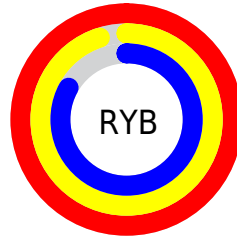
Distribution



Red (100%)

Green (90%)

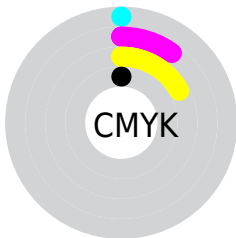
Blue (83%)



Red (100%)

Yellow (95%)

Blue (83%)

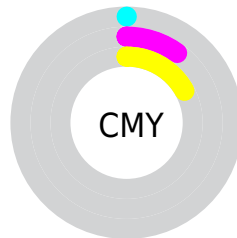


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.170, 64.277 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, 13.170, 64.277 by changing the saturation by 10% instead.

 93, 13.170, 64.277

 93, 13.170, 64.277

 100, 13.170,
64.277

 83, 13.170, 64.277

 73, 13.170, 64.277

 63, 13.170, 64.277

 53, 13.170, 64.277

 43, 13.170, 64.277

 33, 13.170, 64.277

 23, 13.170, 64.277

 13, 13.170, 64.277

 3, 13.170, 64.277

93, 13.170, 64.277

93, 13.170, 64.277

89, 21.510, 63.763

97, 5.073, 65.853

85, 30.500, 62.714

100, 0.012,
296.813

81, 40.024, 61.690

77, 50.033, 60.688

74, 60.361, 59.671

70, 70.609, 58.536

67, 79.937, 57.043

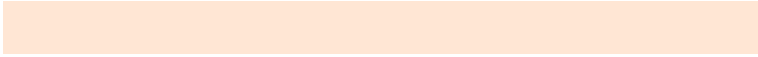
64, 86.985, 54.762

63, 88.935, 53.931

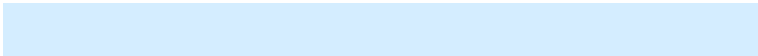
Harmonies

Complementary

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



93, 13.170, 64.277



93, 12.225, 248.845

Rectangle

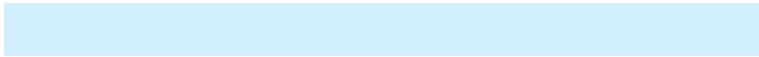
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.170, 64.277



93, 13.170, 114.277



93, 13.170, 244.277



93, 13.170, 294.277

Sweetspot

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



93, 13.045, 64.826



98, 3.772, 66.002



89, 19.963, 340.735



52, 2.579, 65.943



0, 0.000, 0.000



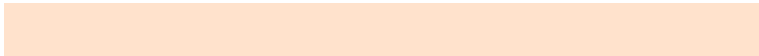
53, 0.007, 296.813

Same Dimension

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



93, 13.045, 64.826



92, 15.792, 64.474



98, 19.804, 104.849



51, 4.349, 65.577



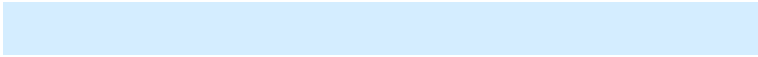
48, 71.253, 54.625



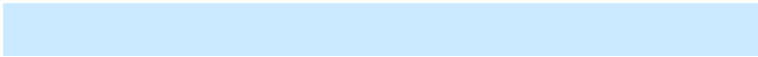
15, 27.291, 54.354

Inverse Universe

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



93, 12.225, 248.845



91, 14.585, 249.345



87, 20.440, 288.562



51, 4.202, 247.879



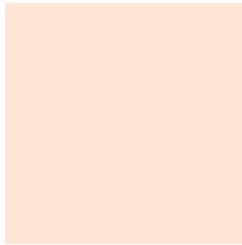
46, 49.855, 275.566



14, 20.700, 268.483

Previews

White Background



This preview shows how the CIELCh color 93, 13.170, 64.277 looks on a white background.

Color Contrast Check

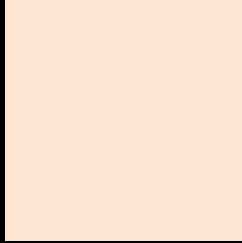
Large Text (above 18pt) WCAG AA × Fail

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 93, 13.170, 64.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

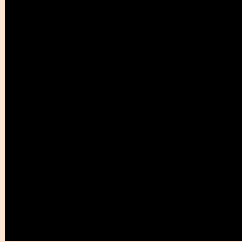
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.170, 64.277

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.170, 64.277.

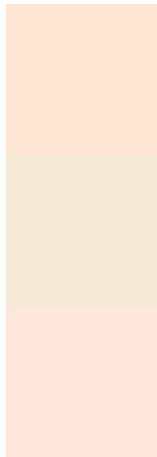


This preview shows how white text looks on a background with the CIELCh color 93, 13.170, 64.277.

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, 13.170, 64.277

Protanopia

93, 10.909, 89.556

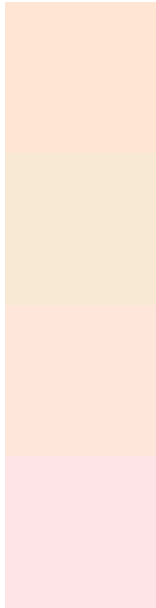
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 12.649, 342.641

Trichromacy



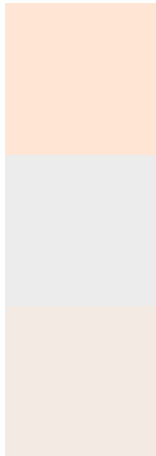
Original Color
93, 13.170, 64.277

Protanomaly
93, 11.683, 80.896

Deuteranomaly
93, 11.126, 53.440

Tritanomaly
93, 9.905, 11.107

Monochromacy



Original Color
93, 13.170, 64.277

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.830, 67.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.170, 64.277 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, 230, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 212)  
}
```

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, 230, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.170, 64.277 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, 230, 212) }
```

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

```
.border{ border-color:rgb(255, 230, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.170, 64.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 212) }
```

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

```
.background{ background-color: rgb(255,  
230, 212) }
```

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