

Converting Colors

CIELCh(93, 13.279, 65.706)

Have a look what the booklet for
CIELCh(93, 13.279, 65.706) contains.

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Color

CIELCh(93, 13.275, 66.922)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7D4
RGB	255, 231, 212
RGB Percent	100%, 91%, 83%
CMY	0.0010, 0.0951, 0.1696
CMYK	0.00, 0.09, 0.17, 0.00
HSL	27°, 99%, 91%
HSV	27°, 17%, 100%
XYZ	81.5070, 82.9670, 73.8451
YIQ	236.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

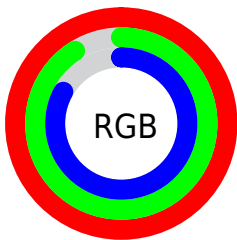
Format	Color
R _Y B	255, 246, 212
Decimal	16771028
CIE Lab	93.00, 5.20, 12.21
CIE LCh	93, 13.275, 66.922
Yxy	82.9670, 0.3420, 0.3481
Android (android.graphics.Color)	4294961108 (0xFFFFE7D4)
YUV	236.0100, -11.8369, 16.6542
Hunter-Lab	91.0862, 0.3268, 15.6930

Details

The CIELCh color **93, 13.275, 66.922** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 12.496, 251.146**, 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, 21.764, 65.815**, and if you desaturate by 10%, it is **97, 5.255, 68.015**.

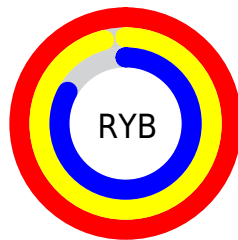
Distribution



Red (100%)

Green (91%)

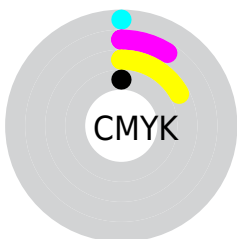
Blue (83%)



Red (100%)

Yellow (96%)

Blue (83%)

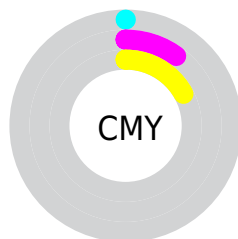


Cyan (0%)

Magenta (9%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 13.275, 66.922 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, 13.275, 66.922 by changing the saturation by 10% instead.

 93, 13.275, 66.922

 93, 13.275, 66.922

 100, 13.275,
66.922

 83, 13.275, 66.922

 73, 13.275, 66.922

 63, 13.275, 66.922

 53, 13.275, 66.922

 43, 13.275, 66.922

 33, 13.275, 66.922

 23, 13.275, 66.922

 13, 13.275, 66.922

 3, 13.275, 66.922

93, 13.275, 66.922

93, 13.275, 66.922

89, 21.764, 65.815

97, 5.255, 68.015

85, 30.752, 64.700

100, 0.087,
207.027

81, 40.241, 63.600

78, 50.174, 62.508

74, 60.375, 61.387

71, 70.428, 60.131

68, 79.483, 58.502

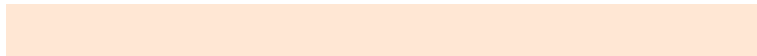
65, 86.214, 56.089

64, 87.980, 55.269

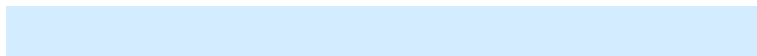
Harmonies

Complementary

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



93, 13.275, 66.922



92, 12.496, 251.146

Rectangle

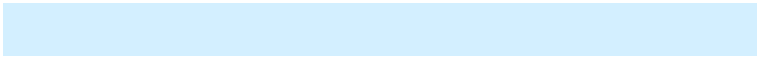
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 13.275, 66.922



93, 13.275, 116.922



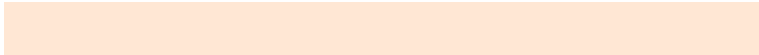
93, 13.275, 246.922



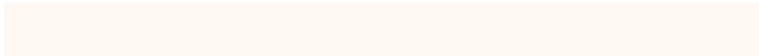
93, 13.275, 296.922

Sweetspot

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



93, 13.275, 66.935



98, 3.803, 68.192



89, 19.946, 341.582



52, 2.601, 68.129



0, 0.000, 0.000



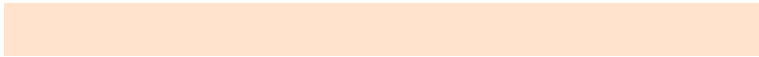
53, 0.007, 296.813

Same Dimension

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



93, 13.275, 66.935



92, 15.888, 66.586



98, 20.345, 105.621



51, 4.383, 67.743



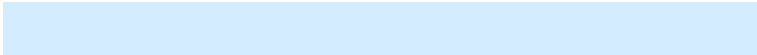
49, 70.566, 55.970



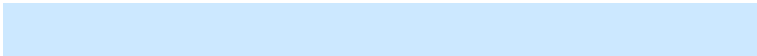
15, 27.180, 56.134

Inverse Universe

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



92, 12.496, 251.146



91, 14.769, 251.633



87, 21.038, 289.329



51, 4.247, 250.121



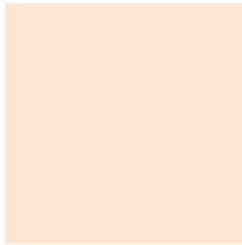
45, 51.810, 277.885



13, 21.389, 270.911

Previews

White Background



This preview shows how the CIE LCh color 93, 13.275, 66.922 looks on a white background.

Color Contrast Check

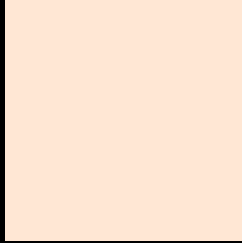
Large Text (above 18pt) WCAG AA × Fail

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, 13.275, 66.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

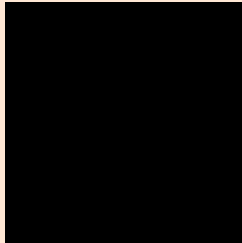
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 13.275, 66.922

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.275, 66.922.

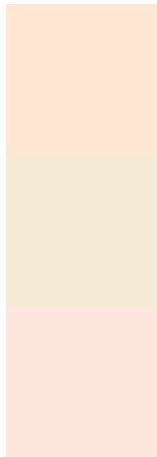


This preview shows how white text looks on a background with the CIELCh color 93, 13.275, 66.922.

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, 13.275, 66.922

Protanopia

93, 10.909, 89.556

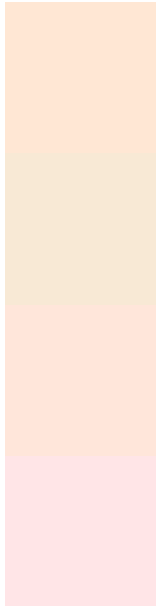
Deuteranopia

93, 10.304, 46.503



Tritanopia
93, 12.051, 343.511

Trichromacy



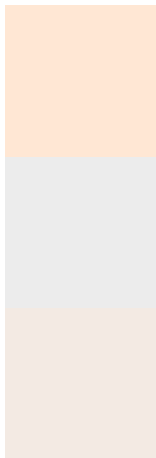
Original Color
93, 13.275, 66.922

Protanomaly
93, 11.683, 80.896

Deuteranomaly
93, 11.126, 53.440

Tritanomaly
93, 9.477, 13.796

Monochromacy



Original Color
93, 13.275, 66.922

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, 13.275, 66.922 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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, 231, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.275, 66.922 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, 212) }
```

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

```
.border{ border-color:rgb(255, 231, 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, 231, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.275, 66.922 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
231, 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](#).

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