

Converting Colors

CIELCh(93, 13.866, 69.548)

Have a look what the booklet for
CIELCh(93, 13.866, 69.548) contains.

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Color

CIELCh(93, 14.072, 69.597)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7D2
RGB	255, 231, 210
RGB Percent	100%, 91%, 82%
CMY	0.0005, 0.0946, 0.1769
CMYK	0.00, 0.09, 0.18, 0.00
HSL	28°, 99%, 91%
HSV	28°, 18%, 100%
XYZ	81.3538, 82.9670, 72.6208
YIQ	235.7820, 21.0450, -1.4430

Conversions

Conversions Part 2

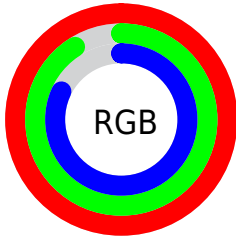
Format	Color
R _Y B	255, 249, 210
Decimal	16771026
CIE Lab	93.00, 4.91, 13.19
CIE LCh	93, 14.072, 69.597
Yxy	82.9670, 0.3433, 0.3502
Android (android.graphics.Color)	4294961106 (0xFFFFE7D2)
YUV	235.7820, -12.7105, 16.8542
Hunter-Lab	91.0862, 0.0266, 16.4899

Details

The CIELCh color **93, 14.072, 69.597** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 13.304, 254.192**, 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, 13.812, 67.641** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.645, 68.423**, and if you desaturate by 10%, it is **97, 5.940, 70.756**.

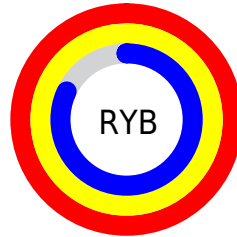
Distribution



Red (100%)

Green (91%)

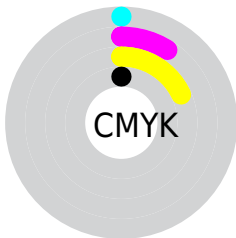
Blue (82%)



Red (100%)

Yellow (98%)

Blue (82%)

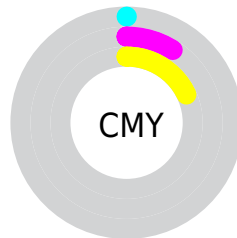


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 14.072, 69.597 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, 14.072, 69.597 by changing the saturation by 10% instead.

 93, 14.072, 69.597

 93, 14.072, 69.597

 100, 14.072,
69.597

 83, 14.072, 69.597

 73, 14.072, 69.597

 63, 14.072, 69.597

 53, 14.072, 69.597

 43, 14.072, 69.597

 33, 14.072, 69.597

 23, 14.072, 69.597

 13, 14.072, 69.597

 3, 14.072, 69.597

93, 14.072, 69.597

93, 14.072, 69.597

89, 22.645, 68.423

97, 5.940, 70.756

85, 31.681, 67.232

100, 0.043,
214.886

82, 41.172, 66.044

78, 51.045, 64.847

75, 61.097, 63.599

72, 70.872, 62.188

69, 79.474, 60.371

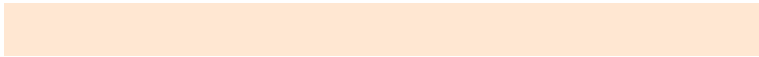
66, 85.652, 57.769

65, 86.905, 57.131

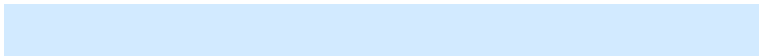
Harmonies

Complementary

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



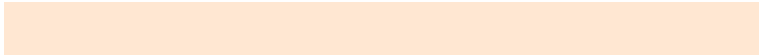
93, 14.072, 69.597



92, 13.304, 254.192

Rectangle

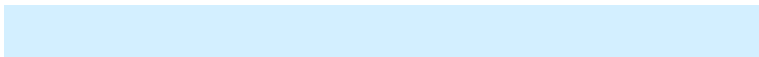
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 14.072, 69.597



93, 14.072, 119.597



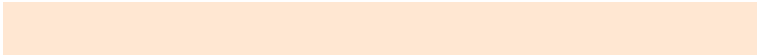
93, 14.072, 249.597



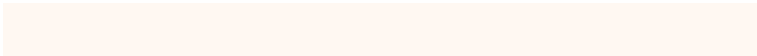
93, 14.072, 299.597

Sweetspot

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



93, 14.072, 69.609



98, 3.854, 71.027



89, 20.428, 343.377



52, 2.634, 70.959



0, 0.000, 0.000



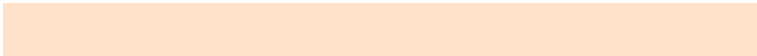
53, 0.007, 296.813

Same Dimension

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



93, 14.072, 69.609



92, 16.897, 69.214



99, 22.002, 107.047



51, 4.437, 70.552



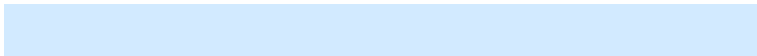
50, 69.713, 57.840



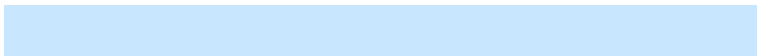
15, 27.075, 58.538

Inverse Universe

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



92, 13.304, 254.192



90, 15.783, 254.738



86, 22.857, 290.840



51, 4.316, 253.009



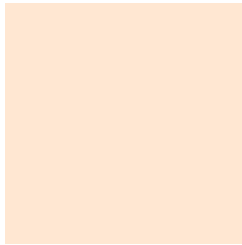
43, 54.513, 280.733



13, 22.354, 273.926

Previews

White Background



This preview shows how the CIE LCh color 93, 14.072, 69.597 looks on a white background.

Color Contrast Check

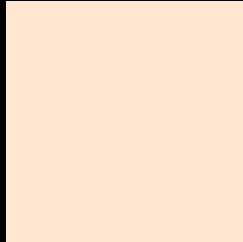
Large Text (above 18pt) WCAG AA × Fail

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, 14.072, 69.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

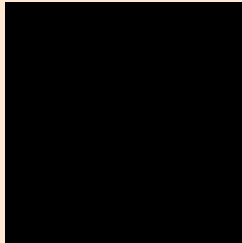
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 14.072, 69.597

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.072, 69.597.

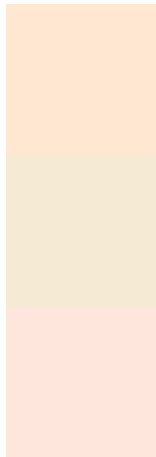


This preview shows how white text looks on a background with the CIELCh color 93, 14.072, 69.597.

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, 14.072, 69.597

Protanopia

93, 12.007, 89.407

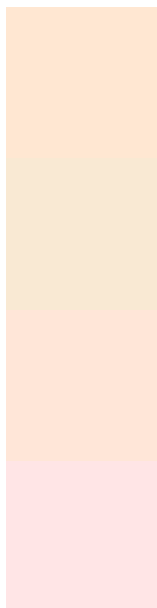
Deuteranopia

93, 10.560, 48.936



Tritanopia
93, 12.051, 343.511

Trichromacy



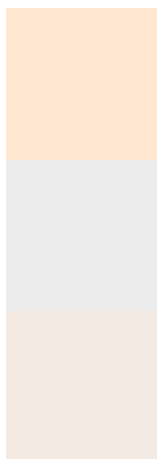
Original Color
93, 14.072, 69.597

Protanomaly
93, 12.778, 81.465

Deuteranomaly
93, 11.756, 57.476

Tritanomaly
93, 9.448, 16.893

Monochromacy



Original Color
93, 14.072, 69.597

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, 14.072, 69.597 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.072, 69.597 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, 210) }
```

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

```
.border{ border-color:rgb(255, 231, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.072, 69.597 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
231, 210) }
```

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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