

Converting Colors

CIE LCh(93, 14.401, 73.192)

Have a look what the booklet for
CIELCh(93, 14.401, 73.192) contains.

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Color

CIELCh(93, 14.245, 72.008)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7D1
RGB	254, 231, 209
RGB Percent	100%, 91%, 82%
CMY	0.0032, 0.0934, 0.1797
CMYK	0.00, 0.09, 0.18, 0.00
HSL	29°, 96%, 91%
HSV	29°, 18%, 100%
XYZ	81.0941, 82.9670, 72.1738
YIQ	235.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

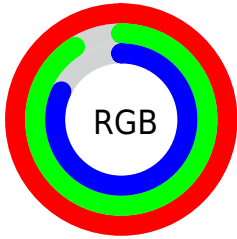
Format	Color
RYB	254, 252, 209
Decimal	16705489
CIELab	93.00, 4.40, 13.55
CIElCh	93, 14.245, 72.008
Yxy	82.9670, 0.3433, 0.3512
Android (android.graphics.Color)	4294895569 (0xFFFE7D1)
YUV	235.3690, -12.9999, 16.3394
Hunter-Lab	91.0862, -0.4824, 16.7809

Details

The CIELCh color **93, 14.245, 72.008** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91, 13.554, 256.732**, 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, 13.973, 70.238** is the 20% darker color. If you saturate the color by 10%, you get **89, 22.854, 70.786**, and if you desaturate by 10%, it is **97, 6.048, 73.209**.

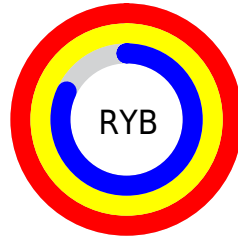
Distribution



Red (100%)

Green (91%)

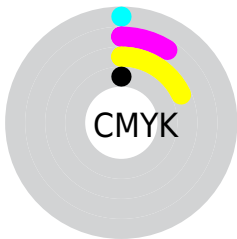
Blue (82%)



Red (100%)

Yellow (99%)

Blue (82%)

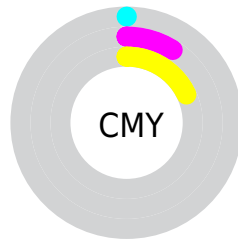


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 14.245, 72.008 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, 14.245, 72.008 by changing the saturation by 10% instead.

 93, 14.245, 72.008

 93, 14.245, 72.008

 100, 14.245,
72.008

 83, 14.245, 72.008

 73, 14.245, 72.008

 63, 14.245, 72.008

 53, 14.245, 72.008

 43, 14.245, 72.008

 33, 14.245, 72.008

 23, 14.245, 72.008

 13, 14.245, 72.008

 3, 14.245, 72.008

93, 14.245, 72.008

93, 14.245, 72.008

89, 22.854, 70.786

97, 6.048, 73.209

86, 31.891, 69.538

100, 0.284,
201.718

82, 41.340, 68.282

79, 51.119, 67.005

75, 61.013, 65.665

72, 70.549, 64.150

69, 78.831, 62.226

67, 84.658, 59.537

66, 85.808, 58.892

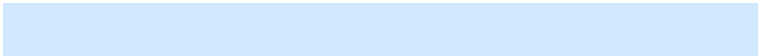
Harmonies

Complementary

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



93, 14.245, 72.008



91, 13.554, 256.732

Rectangle

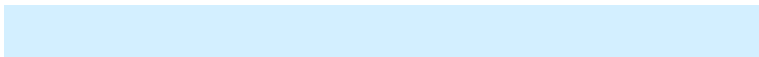
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 14.245, 72.008



93, 14.245, 122.008



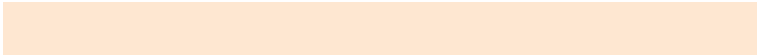
93, 14.245, 252.008



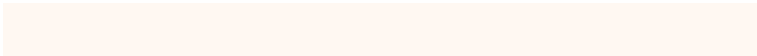
93, 14.245, 302.008

Sweetspot

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



93, 14.246, 72.020



98, 3.906, 73.498



88, 20.223, 344.274



52, 2.670, 73.427



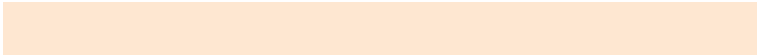
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 14.246, 72.020



92, 17.079, 71.615



99, 22.380, 107.758



51, 4.494, 73.003



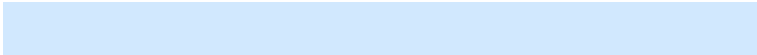
51, 69.013, 59.596



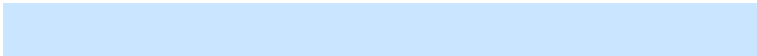
16, 27.022, 60.730

Inverse Universe

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



91, 13.554, 256.732



90, 16.081, 257.280



85, 23.286, 291.515



51, 4.387, 255.515



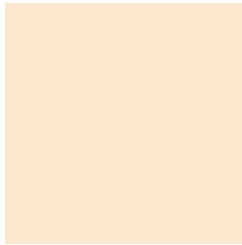
42, 57.031, 283.086



12, 23.266, 276.445

Previews

White Background



This preview shows how the CIE LCh color 93, 14.245, 72.008 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, 14.245, 72.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

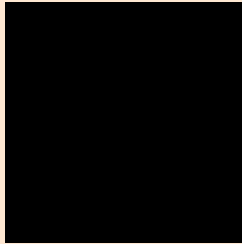
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 14.245, 72.008

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.245, 72.008.

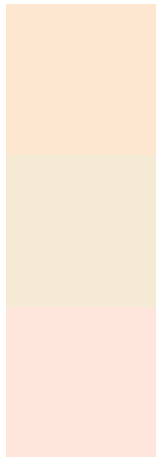


This preview shows how white text looks on a background with the CIELCh color 93, 14.245, 72.008.

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, 14.245, 72.008

Protanopia

93, 12.494, 90.139

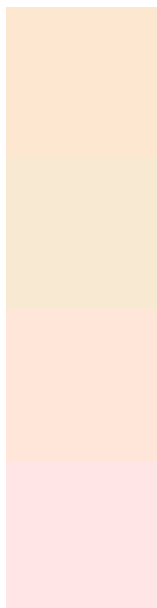
Deuteranopia

93, 10.560, 48.936



Tritanopia
93, 12.051, 343.511

Trichromacy



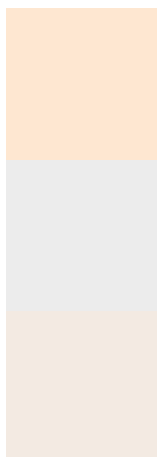
Original Color
93, 14.245, 72.008

Protanomaly
93, 13.074, 83.900

Deuteranomaly
93, 11.756, 57.476

Tritanomaly
93, 9.448, 16.893

Monochromacy



Original Color
93, 14.245, 72.008

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.226, 71.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 14.245, 72.008 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, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 209)  
}
```

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, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.245, 72.008 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, 231, 209) }
```

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

```
.border{ border-color:rgb(254, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.245, 72.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 209) }
```

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

```
.background{ background-color: rgb(254,  
231, 209) }
```

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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