

Converting Colors

CIELCh(93, 6.512, 69.989)

Have a look what the booklet for
CIELCh(93, 6.512, 69.989) contains.

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Color

CIELCh(93, 6.499, 71.702)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9DF
RGB	244, 233, 223
RGB Percent	96%, 91%, 87%
CMY	0.0425, 0.0856, 0.1249
CMYK	0.00, 0.05, 0.09, 0.04
HSL	29°, 49%, 92%
HSV	29°, 9%, 96%
XYZ	79.8896, 82.9670, 81.7278
YIQ	235.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

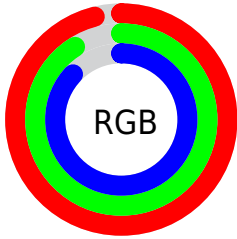
Format	Color
R _Y B	244, 242, 223
Decimal	16050655
CIE Lab	93.00, 2.04, 6.17
CIE LCh	93, 6.499, 71.702
Yxy	82.9670, 0.3266, 0.3392
Android (android.graphics.Color)	4294240735 (0xFFFF4E9DF)
YUV	235.1490, -5.9895, 7.7623
Hunter-Lab	91.0862, -2.8428, 10.5620

Details

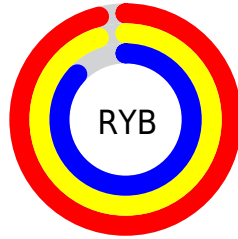
The CIELCh color **93, 6.499, 71.702** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 6.352, 253.984**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 6.443, 68.556** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.423, 70.554**, and if you desaturate by 10%, it is **97, 1.041, 253.418**.

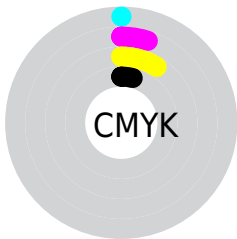
Distribution



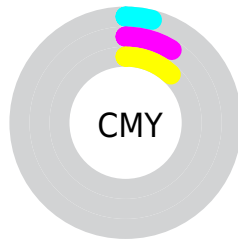
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (95%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 6.499, 71.702 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, 6.499, 71.702 by changing the saturation by 10% instead.



93, 6.499, 71.702

93, 6.499, 71.702

89, 14.423, 70.554

97, 1.041, 253.418

86, 22.761, 69.348

99, 3.744, 199.345

82, 31.531, 68.133

79, 40.720, 66.916

75, 50.246, 65.683

72, 59.893, 64.388

69, 69.190, 62.913

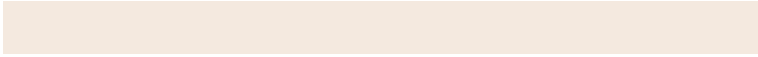
66, 77.238, 61.007

64, 82.951, 58.346

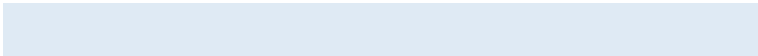
Harmonies

Complementary

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



93, 6.499, 71.702



92, 6.352, 253.984

Rectangle

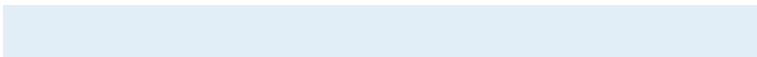
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 6.499, 71.702



93, 6.499, 121.702



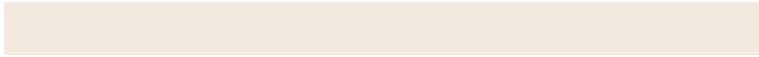
93, 6.499, 251.702



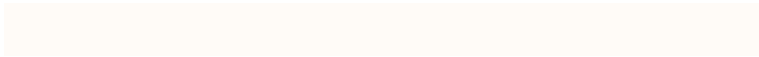
93, 6.499, 301.702

Sweetspot

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



93, 6.500, 71.726



99, 2.311, 72.263



91, 9.526, 342.549



52, 1.756, 72.210



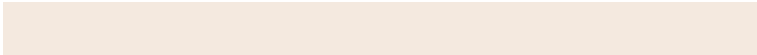
0, 0.000, 0.000



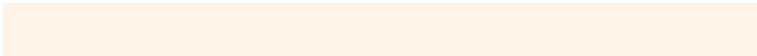
53, 0.007, 296.813

Same Dimension

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



93, 6.500, 71.726



96, 7.855, 71.565



96, 10.368, 107.958



49, 4.313, 71.626



49, 67.989, 58.668



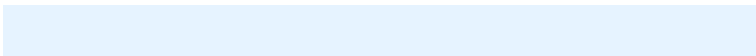
14, 24.658, 59.023

Inverse Universe

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



92, 6.352, 253.984



95, 7.641, 254.171



90, 10.569, 289.735



49, 4.203, 254.099



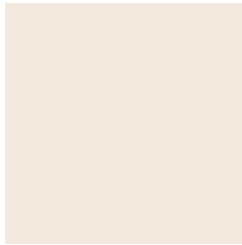
42, 54.386, 281.679



11, 21.259, 274.190

Previews

White Background



This preview shows how the CIE LCh color 93, 6.499, 71.702 looks on a white background.

Color Contrast Check

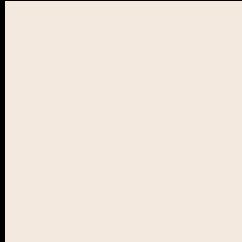
Large Text (above 18pt) WCAG AA × Fail

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, 6.499, 71.702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

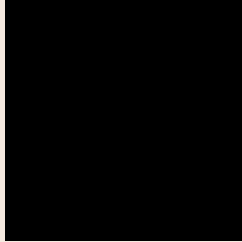
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

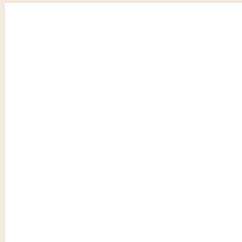
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 6.499, 71.702

Background



This preview shows how black text looks on a background with the CIELCh color 93, 6.499, 71.702.

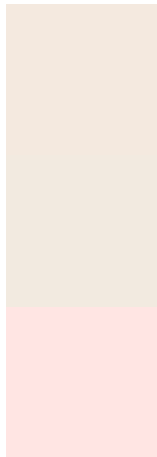


This preview shows how white text looks on a background with the CIELCh color 93, 6.499, 71.702.

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, 6.499, 71.702

Protanopia

93, 5.884, 80.183

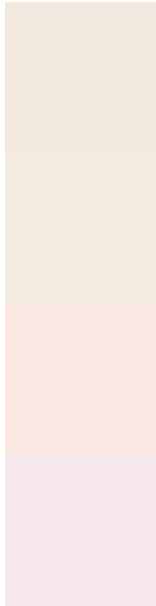
Deuteranopia

93, 9.533, 26.163



Tritanopia
93, 11.919, 324.839

Trichromacy



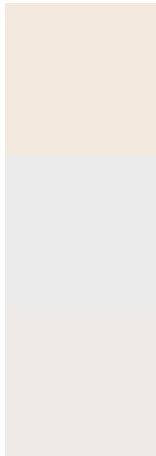
Original Color
93, 6.499, 71.702

Protanomaly
93, 6.071, 77.174

Deuteranomaly
93, 7.716, 39.209

Tritanomaly
93, 7.061, 344.122

Monochromacy



Original Color
93, 6.499, 71.702

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.088, 66.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 6.499, 71.702 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(244, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 223)  
}
```

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(244, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 6.499, 71.702 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(244, 233, 223) }
```

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

```
.border{ border-color:rgb(244, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 6.499, 71.702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 223) }
```

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

```
.background{ background-color: rgb(244,  
233, 223) }
```

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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