

Converting Colors

CIELCh(93, 5.715, 65.498)

Have a look what the booklet for
CIELCh(93, 5.715, 65.498) contains.

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Color

CIELCh(93, 5.713, 65.494)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9E1
RGB	244, 233, 225
RGB Percent	96%, 91%, 88%
CMY	0.0430, 0.0862, 0.1175
CMYK	0.00, 0.05, 0.08, 0.04
HSL	25°, 46%, 92%
HSV	25°, 8%, 96%
XYZ	80.0569, 82.9670, 83.0460
YIQ	235.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

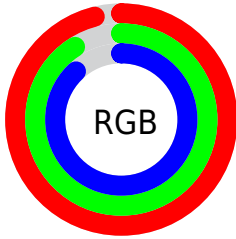
Format	Color
R _Y B	244, 239, 225
Decimal	16050657
CIE Lab	93.00, 2.37, 5.20
CIE LCh	93, 5.713, 65.494
Yxy	82.9670, 0.3253, 0.3372
Android (android.graphics.Color)	4294240737 (0xFFFF4E9E1)
YUV	235.3770, -5.1159, 7.5624
Hunter-Lab	91.0862, -2.5149, 9.7039

Details

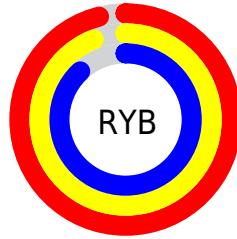
The CIELCh color `93, 5.713, 65.494` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `93, 5.559, 247.439`, and the grayscale version is `93, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `73, 5.657, 61.539` is the 20% darker color. If you saturate the color by 10%, you get `89, 13.452, 64.491`, and if you desaturate by 10%, it is `97, 1.588, 247.003`.

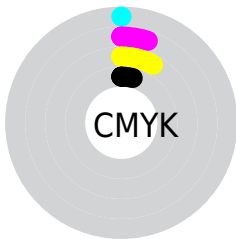
Distribution



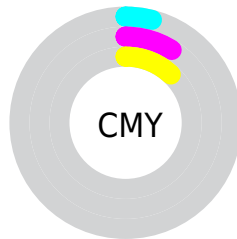
- Red (96%)
- Green (91%)
- Blue (88%)



- Red (96%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 5.713, 65.494 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, 5.713, 65.494 by changing the saturation by 10% instead.

93, 5.713, 65.494

93, 5.713, 65.494

100, 5.713, 65.494

83, 5.713, 65.494

73, 5.713, 65.494

63, 5.713, 65.494

53, 5.713, 65.494

43, 5.713, 65.494

33, 5.713, 65.494

23, 5.713, 65.494

13, 5.713, 65.494

3, 5.713, 65.494

93, 5.713, 65.494

93, 5.713, 65.494

89, 13.452, 64.491

97, 1.588, 247.003

85, 21.670, 63.437

99, 3.790, 199.340

81, 30.399, 62.400

77, 39.644, 61.390

74, 49.350, 60.401

70, 59.344, 59.393

67, 69.211, 58.253

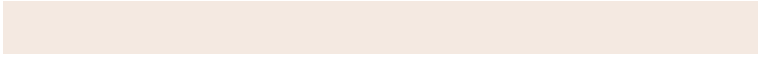
64, 78.098, 56.727

61, 84.735, 54.409

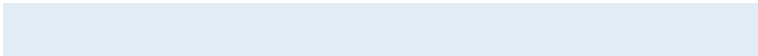
Harmonies

Complementary

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



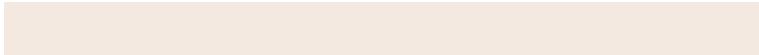
93, 5.713, 65.494



93, 5.559, 247.439

Rectangle

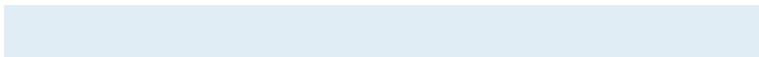
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 5.713, 65.494



93, 5.713, 115.494



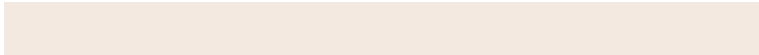
93, 5.713, 245.494



93, 5.713, 295.494

Sweetspot

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



93, 5.713, 65.521



99, 1.490, 65.889



91, 8.916, 339.970



53, 0.847, 65.881



0, 0.000, 0.000



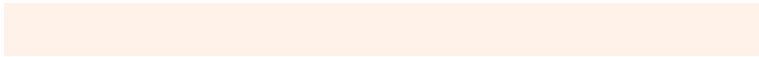
53, 0.007, 296.813

Same Dimension

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



93, 5.713, 65.521



96, 6.869, 65.400



95, 8.914, 105.782



49, 4.202, 65.353



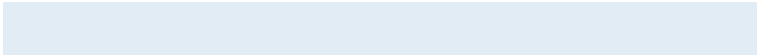
47, 69.865, 54.564



13, 24.888, 53.516

Inverse Universe

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



93, 5.559, 247.439



96, 6.649, 247.582



90, 9.057, 287.457



49, 4.060, 247.638



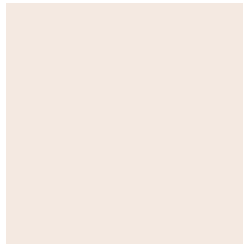
45, 48.588, 275.214



12, 19.324, 267.344

Previews

White Background



This preview shows how the CIELCh color 93, 5.713, 65.494 looks on a white background.

Color Contrast Check

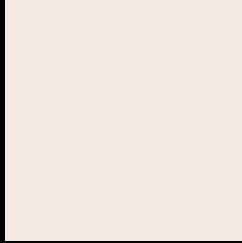
Large Text (above 18pt) WCAG AA × Fail

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, 5.713, 65.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

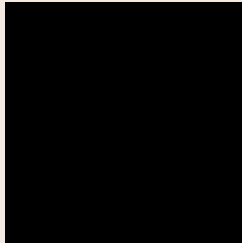
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

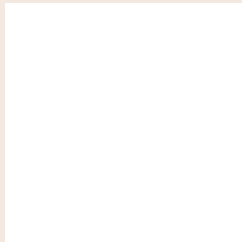
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 5.713, 65.494

Background



This preview shows how black text looks on a background with the CIELCh color 93, 5.713, 65.494.

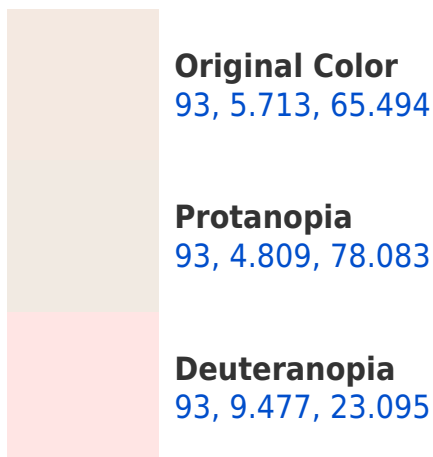


This preview shows how white text looks on a background with the CIELCh color 93, 5.713, 65.494.

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](#).

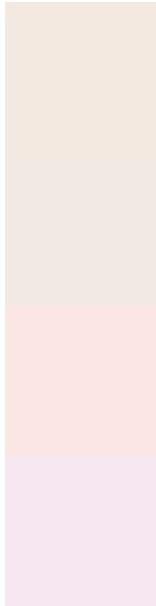
Dichromacy





Tritanopia
93, 11.095, 323.295

Trichromacy



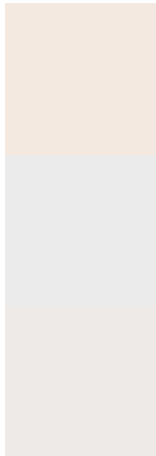
Original Color
93, 5.713, 65.494

Protanomaly
93, 5.008, 74.528

Deuteranomaly
93, 7.784, 31.244

Tritanomaly
93, 7.099, 339.030

Monochromacy



Original Color
93, 5.713, 65.494

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, 5.713, 65.494 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 5.713, 65.494 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, 225) }
```

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

```
.border{ border-color:rgb(244, 233, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 225);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 5.713, 65.494 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, 225) }
```

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

```
.background{ background-color: rgb(244,  
233, 225) }
```

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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