

Converting Colors

CIELCh(93, 4.718, 52.518)

Have a look what the booklet for
CIELCh(93, 4.718, 52.518) contains.

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Color

CIELCh(93, 4.714, 52.520)

Conversions

Conversions Part 1

Format	Color
Hex	F4E9E4
RGB	244, 233, 228
RGB Percent	96%, 91%, 89%
CMY	0.0439, 0.0870, 0.1066
CMYK	0.00, 0.05, 0.07, 0.04
HSL	19°, 42%, 92%
HSV	19°, 7%, 96%
XYZ	80.3108, 82.9670, 85.0490
YIQ	235.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

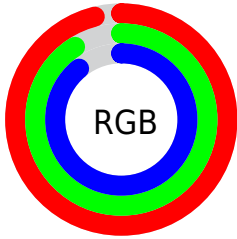
Format	Color
R _Y B	244, 235, 228
Decimal	16050660
CIE Lab	93.00, 2.87, 3.74
CIE LCh	93, 4.714, 52.520
Yxy	82.9670, 0.3234, 0.3341
Android (android.graphics.Color)	4294240740 (0xFF4E9E4)
YUV	235.7190, -3.8055, 7.2624
Hunter-Lab	91.0862, -2.0173, 8.4001

Details

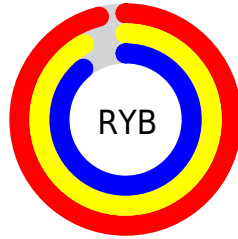
The CIELCh color **93, 4.714, 52.520** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94, 4.561, 233.782**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 4.707, 46.944** is the 20% darker color. If you saturate the color by 10%, you get **88, 12.354, 51.950**, and if you desaturate by 10%, it is **98, 2.392, 233.640**.

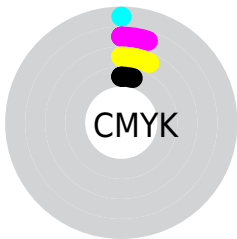
Distribution



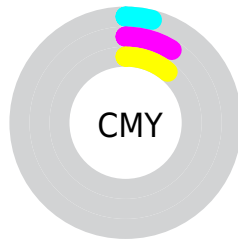
- Red (96%)
- Green (91%)
- Blue (89%)



- Red (96%)
- Yellow (92%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 4.714, 52.520 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, 4.714, 52.520 by changing the saturation by 10% instead.

 93, 4.714, 52.520	 93, 4.714, 52.520
 100, 4.714, 52.520	 83, 4.714, 52.520
	 73, 4.714, 52.520
	 63, 4.714, 52.520
	 53, 4.714, 52.520
	 43, 4.714, 52.520
	 33, 4.714, 52.520
	 23, 4.714, 52.520
	 13, 4.714, 52.520
	 3, 4.714, 52.520

93, 4.714, 52.520

93, 4.714, 52.520

88, 12.354, 51.950

98, 2.392, 233.640

84, 20.586, 51.354

99, 3.862, 199.332

79, 29.456, 50.832

75, 38.988, 50.410

71, 49.155, 50.099

67, 59.829, 49.880

63, 70.668, 49.662

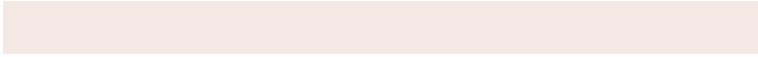
60, 80.885, 49.192

57, 88.986, 47.947

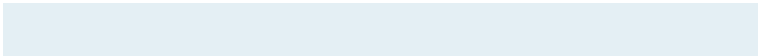
Harmonies

Complementary

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



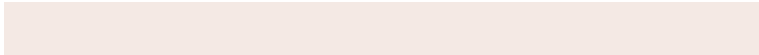
93, 4.714, 52.520



94, 4.561, 233.782

Rectangle

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



93, 4.714, 52.520



93, 4.714, 102.520



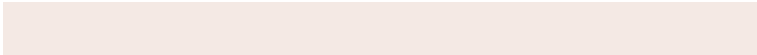
93, 4.714, 232.520



93, 4.714, 282.520

Sweetspot

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



93, 4.714, 52.553



99, 1.462, 52.591



92, 8.149, 334.686



53, 0.831, 52.576



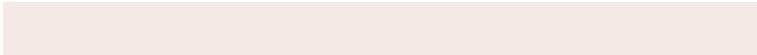
0, 0.000, 0.000



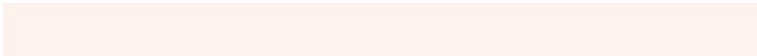
53, 0.007, 296.813

Same Dimension

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



93, 4.714, 52.553



96, 5.993, 52.474



95, 6.638, 99.631



49, 4.142, 52.388



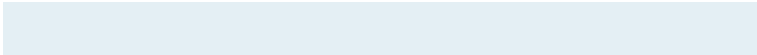
44, 74.139, 48.037



12, 25.922, 43.784

Inverse Universe

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



94, 4.561, 233.782



97, 5.751, 233.886



92, 6.702, 281.202



49, 3.941, 234.001



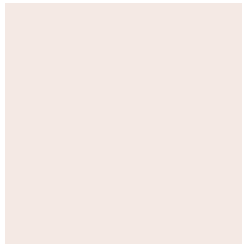
51, 39.478, 258.492



15, 16.487, 250.630

Previews

White Background



This preview shows how the CIE LCh color 93, 4.714, 52.520 looks on a white background.

Color Contrast Check

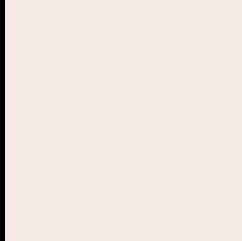
Large Text (above 18pt) WCAG AA × Fail

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, 4.714, 52.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

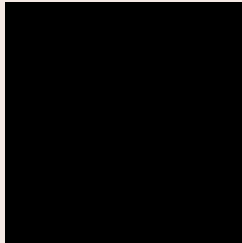
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

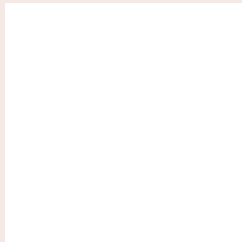
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 4.714, 52.520

Background



This preview shows how black text looks on a background with the CIELCh color 93, 4.714, 52.520.

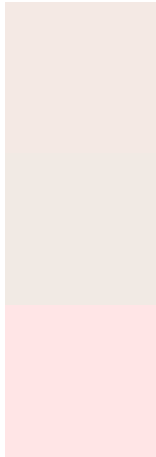


This preview shows how white text looks on a background with the CIELCh color 93, 4.714, 52.520.

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, 4.714, 52.520

Protanopia

93, 3.964, 70.398

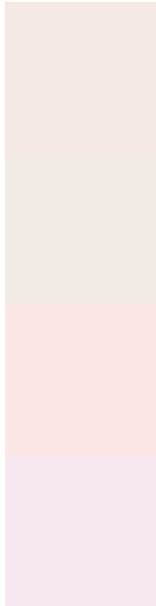
Deuteranopia

93, 9.448, 16.893



Tritanopia
93, 11.095, 323.295

Trichromacy



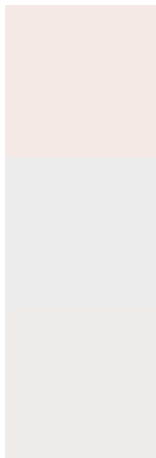
Original Color
93, 4.714, 52.520

Protanomaly
93, 4.203, 66.562

Deuteranomaly
93, 7.626, 23.706

Tritanomaly
93, 7.445, 336.040

Monochromacy



Original Color
93, 4.714, 52.520

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 1.745, 55.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 4.714, 52.520 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(244, 233, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 4.714, 52.520 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, 228) }
```

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

```
.border{ border-color:rgb(244, 233, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 228);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 4.714, 52.520 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, 228) }
```

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

```
.background{ background-color: rgb(244,  
233, 228) }
```

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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