

Converting Colors

CIELCh(93, 9.519, 68.449)

Have a look what the booklet for
CIELCh(93, 9.519, 68.449) contains.

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Color

CIELCh(93, 9.533, 68.518)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8DA
RGB	249, 232, 218
RGB Percent	98%, 91%, 85%
CMY	0.0233, 0.0899, 0.1448
CMYK	0.00, 0.07, 0.12, 0.02
HSL	27°, 72%, 92%
HSV	27°, 12%, 98%
XYZ	80.6286, 82.9670, 78.1390
YIQ	235.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

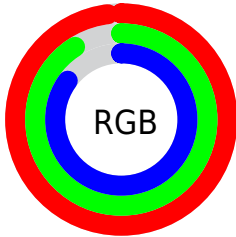
Format	Color
R _Y B	249, 244, 218
Decimal	16378074
CIE Lab	93.00, 3.49, 8.87
CIE LCh	93, 9.533, 68.518
Yxy	82.9670, 0.3335, 0.3432
Android (android.graphics.Color)	4294568154 (0xFFF9E8DA)
YUV	235.4870, -8.6211, 11.8509
Hunter-Lab	91.0862, -1.3945, 12.8980

Details

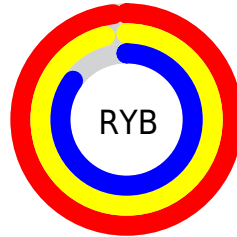
The CIELCh color **93, 9.533, 68.518** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92, 9.151, 251.662**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.414, 67.871** is the 20% darker color. If you saturate the color by 10%, you get **89, 17.680, 67.397**, and if you desaturate by 10%, it is **97, 1.818, 69.477**.

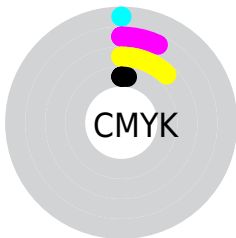
Distribution



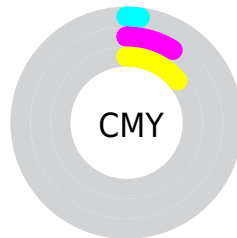
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (98%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (2%)









- Cyan (2%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.533, 68.518 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, 9.533, 68.518 by changing the saturation by 10% instead.

 93, 9.533, 68.518	 93, 9.533, 68.518
 100, 9.533, 68.518	 83, 9.533, 68.518
	 73, 9.533, 68.518
	 63, 9.533, 68.518
	 53, 9.533, 68.518
	 43, 9.533, 68.518
	 33, 9.533, 68.518
	 23, 9.533, 68.518
	 13, 9.533, 68.518
	 3, 9.533, 68.518

93, 9.533, 68.518

93, 9.533, 68.518

89, 17.680, 67.397

97, 1.818, 69.477

85, 26.291, 66.250

100, 2.058,
199.597

82, 35.383, 65.110

78, 44.927, 63.978

74, 54.809, 62.833

71, 64.741, 61.606

68, 74.104, 60.130

65, 81.780, 58.072

63, 86.021, 56.039

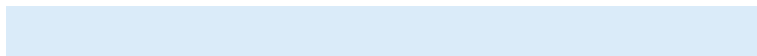
Harmonies

Complementary

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



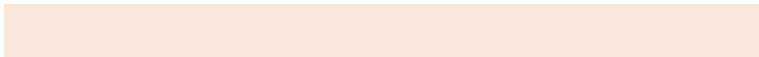
93, 9.533, 68.518



92, 9.151, 251.662

Rectangle

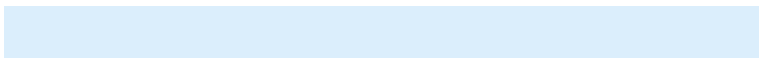
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.533, 68.518



93, 9.533, 118.518



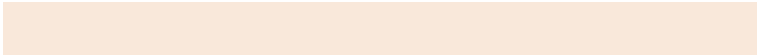
93, 9.533, 248.518



93, 9.533, 298.518

Sweetspot

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



93, 9.533, 68.535



98, 3.048, 69.401



90, 14.225, 342.033



52, 2.171, 69.340



0, 0.000, 0.000



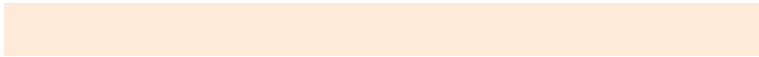
53, 0.007, 296.813

Same Dimension

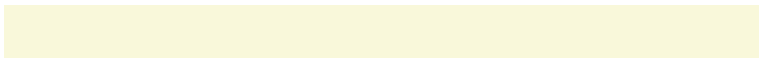
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.533, 68.535



94, 11.795, 68.245



97, 14.989, 106.841



50, 4.330, 68.861



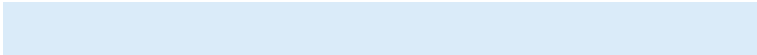
49, 69.505, 56.733



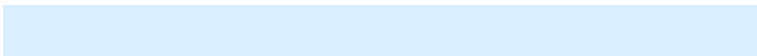
14, 25.941, 56.820

Inverse Universe

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



92, 9.151, 251.662



93, 11.213, 252.029



88, 15.381, 289.484



50, 4.203, 251.268



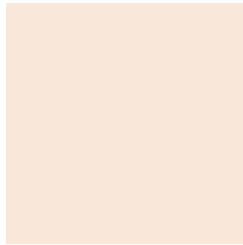
43, 52.290, 278.988



12, 21.063, 271.711

Previews

White Background



This preview shows how the CIELCh color 93, 9.533, 68.518 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, 9.533, 68.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

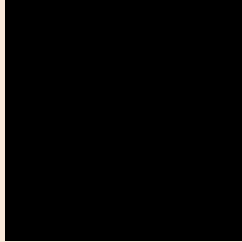
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

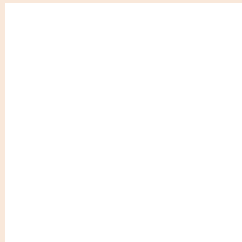
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.533, 68.518

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.533, 68.518.

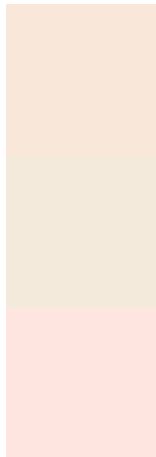


This preview shows how white text looks on a background with the CIELCh color 93, 9.533, 68.518.

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, 9.533, 68.518

Protanopia

93, 8.368, 86.358

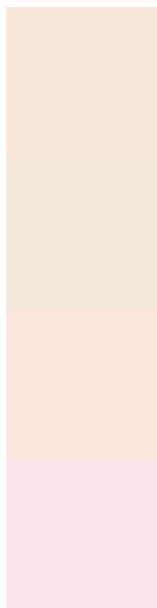
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 12.862, 334.128

Trichromacy



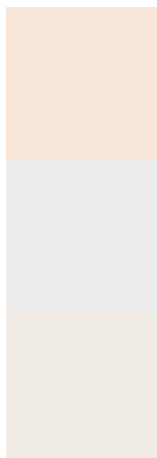
Original Color
93, 9.533, 68.518

Protanomaly
93, 8.421, 78.082

Deuteranomaly
93, 9.389, 45.772

Tritanomaly
93, 9.021, 356.471

Monochromacy



Original Color
93, 9.533, 68.518

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.743, 74.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.533, 68.518 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(249, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 218)  
}
```

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(249, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.533, 68.518 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(249, 232, 218) }
```

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

```
.border{ border-color:rgb(249, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.533, 68.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 232, 218) }
```

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

```
.background{ background-color: rgb(249,  
232, 218) }
```

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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