

Converting Colors

CIELCh(93, 9.153, 83.287)

Have a look what the booklet for
CIELCh(93, 9.153, 83.287) contains.

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Color

CIELCh(93, 9.146, 83.292)

Conversions

Conversions Part 1

Format	Color
Hex	F5EADA
RGB	245, 234, 218
RGB Percent	96%, 92%, 85%
CMY	0.0410, 0.0841, 0.1468
CMYK	0.00, 0.04, 0.11, 0.04
HSL	36°, 56%, 91%
HSV	36°, 11%, 96%
XYZ	79.3968, 82.9670, 77.8610
YIQ	235.4650, 11.6920, -2.6440

Conversions

Conversions Part 2

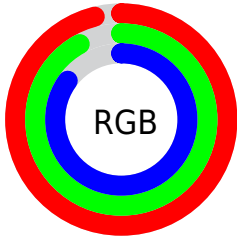
Format	Color
R _Y B	237, 245, 218
Decimal	16116442
CIE Lab	93.00, 1.07, 9.08
CIE LCh	93, 9.146, 83.292
Yxy	82.9670, 0.3305, 0.3454
Android (android.graphics.Color)	4294306522 (0xFFF5EADA)
YUV	235.4650, -8.6102, 8.3622
Hunter-Lab	91.0862, -3.8084, 13.0790

Details

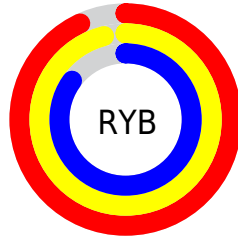
The CIELCh color **93, 9.146, 83.292** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 9.044, 266.299**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.165, 81.497** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.722, 82.005**, and if you desaturate by 10%, it is **96, 0.837, 84.215**.

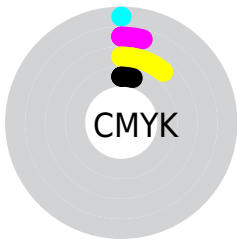
Distribution



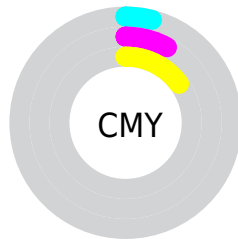
- Red (96%)
- Green (92%)
- Blue (85%)



- Red (93%)
- Yellow (96%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.146, 83.292 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, 9.146, 83.292 by changing the saturation by 10% instead.

 93, 9.146, 83.292	 93, 9.146, 83.292
 100, 9.146, 83.292	 83, 9.146, 83.292
	 73, 9.146, 83.292
	 63, 9.146, 83.292
	 53, 9.146, 83.292
	 43, 9.146, 83.292
	 33, 9.146, 83.292
	 23, 9.146, 83.292
	 13, 9.146, 83.292
	 3, 9.146, 83.292

93, 9.146, 83.292

93, 9.146, 83.292

90, 17.722, 82.005

96, 0.837, 84.215

87, 26.566, 80.653

99, 3.169, 213.541

84, 35.654, 79.262

99, 3.609, 199.360

81, 44.914, 77.830

79, 54.179, 76.336

76, 63.108, 74.729

74, 71.073, 72.893

71, 77.103, 70.614

69, 80.426, 68.072

Harmonies

Complementary

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



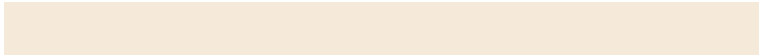
93, 9.146, 83.292



90, 9.044, 266.299

Rectangle

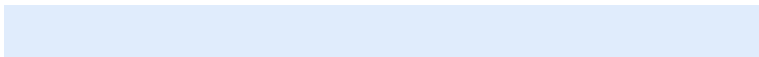
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 9.146, 83.292



93, 9.146, 133.292



93, 9.146, 263.292



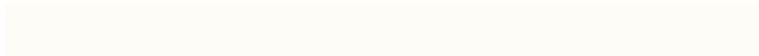
93, 9.146, 313.292

Sweetspot

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



93, 9.147, 83.308



99, 2.533, 84.237



89, 11.377, 349.364



53, 1.924, 84.165



0, 0.000, 0.000



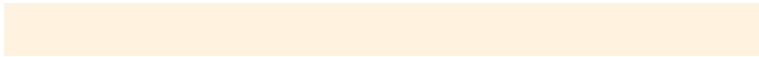
53, 0.007, 296.813

Same Dimension

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



93, 9.147, 83.308



96, 11.183, 83.054



96, 13.799, 112.526



50, 4.702, 83.503



54, 65.447, 68.708



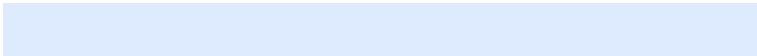
16, 24.985, 71.059

Inverse Universe

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



90, 9.044, 266.299



93, 11.025, 266.595



88, 14.154, 294.457



48, 4.659, 266.078



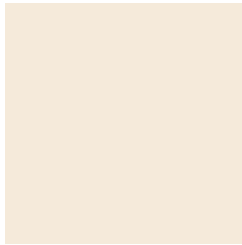
35, 68.135, 291.927



9, 26.101, 285.481

Previews

White Background



This preview shows how the CIELCh color 93, 9.146, 83.292 looks on a white background.

Color Contrast Check

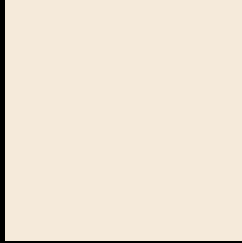
Large Text (above 18pt) WCAG AA × Fail

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, 9.146, 83.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

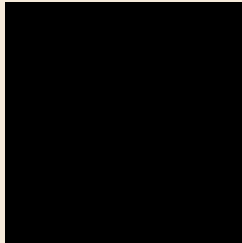
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

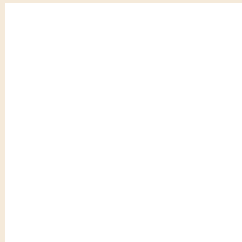
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.146, 83.292

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.146, 83.292.

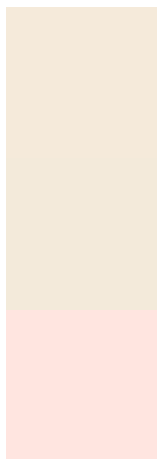


This preview shows how white text looks on a background with the CIELCh color 93, 9.146, 83.292.

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, 9.146, 83.292

Protanopia

93, 8.846, 87.600

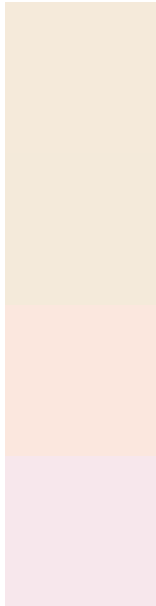
Deuteranopia

93, 9.866, 35.032



Tritanopia
93, 11.709, 327.710

Trichromacy



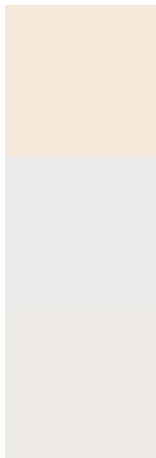
Original Color
93, 9.146, 83.292

Protanomaly
93, 8.989, 85.411

Deuteranomaly
93, 8.663, 51.971

Tritanomaly
93, 6.293, 355.620

Monochromacy



Original Color
93, 9.146, 83.292

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 2.927, 80.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.146, 83.292 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(245, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(245, 234, 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(245, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 234, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.146, 83.292 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(245, 234, 218) }
```

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

```
.border{ border-color:rgb(245, 234, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(245, 234,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.146, 83.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 234, 218) }
```

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

```
.background{ background-color: rgb(245,  
234, 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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