

Converting Colors

CIELCh(93, 11.057, 57.814)

Have a look what the booklet for
CIELCh(93, 11.057, 57.814) contains.

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Color

CIELCh(93, 11.156, 59.825)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7D9
RGB	254, 231, 217
RGB Percent	100%, 91%, 85%
CMY	0.0052, 0.0954, 0.1503
CMYK	0.00, 0.09, 0.15, 0.01
HSL	23°, 93%, 92%
HSV	23°, 15%, 99%
XYZ	81.7150, 82.9670, 77.1307
YIQ	236.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

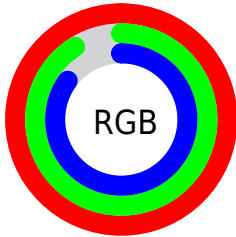
Format	Color
RYB	254, 240, 217
Decimal	16705497
CIELab	93.00, 5.61, 9.64
CIELCh	93, 11.156, 59.825
Yxy	82.9670, 0.3379, 0.3431
Android (android.graphics.Color)	4294895577 (0xFFFE7D9)
YUV	236.2810, -9.5055, 15.5396
Hunter-Lab	91.0862, 0.7345, 13.5543

Details

The CIELCh color **93, 11.156, 59.825** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 10.439, 242.963**, 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, 11.171, 58.749** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.455, 58.937**, and if you desaturate by 10%, it is **97, 3.389, 60.679**.

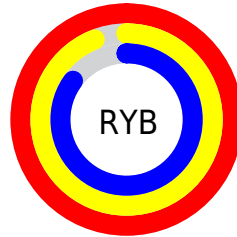
Distribution



Red (100%)

Green (91%)

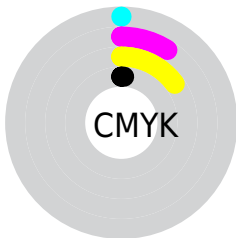
Blue (85%)



Red (100%)

Yellow (94%)

Blue (85%)

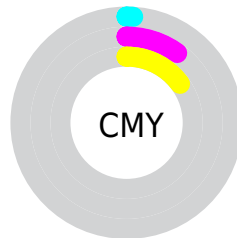


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (1%)



Cyan (1%)


Magenta (10%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 11.156, 59.825 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, 11.156, 59.825 by changing the saturation by 10% instead.

 93, 11.156, 59.825


 93, 11.156, 59.825

 100, 11.156,
59.825


 83, 11.156, 59.825

 73, 11.156, 59.825


 63, 11.156, 59.825

 53, 11.156, 59.825

 43, 11.156, 59.825

 33, 11.156, 59.825

 23, 11.156, 59.825

 13, 11.156, 59.825

 3, 11.156, 59.825

93, 11.156, 59.825

93, 11.156, 59.825

89, 19.455, 58.937

97, 3.389, 60.679

84, 28.331, 58.066

100, 0.464,
200.803

80, 37.808, 57.245

76, 47.864, 56.482

72, 58.381, 55.752

69, 69.044, 54.976

65, 79.142, 53.942

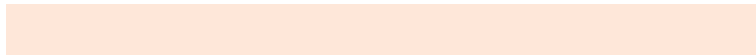
63, 87.343, 52.221

61, 90.806, 51.014

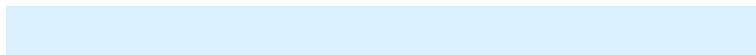
Harmonies

Complementary

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



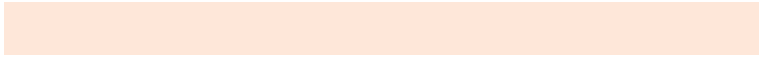
93, 11.156, 59.825



93, 10.439, 242.963

Rectangle

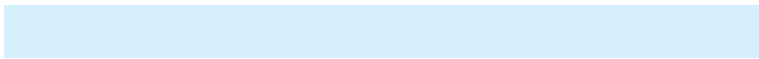
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.156, 59.825



93, 11.156, 109.825



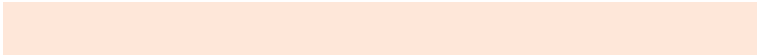
93, 11.156, 239.825



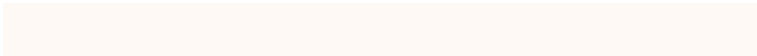
93, 11.156, 289.825

Sweetspot

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



93, 11.156, 59.840



98, 2.965, 60.711



90, 17.951, 338.185



52, 2.113, 60.668



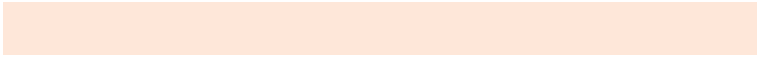
0, 0.000, 0.000



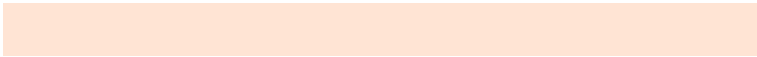
53, 0.007, 296.813

Same Dimension

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



93, 11.156, 59.840



92, 13.169, 59.621



97, 16.378, 102.536



51, 4.295, 60.293



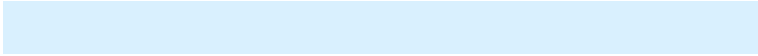
47, 73.000, 51.665



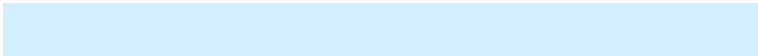
14, 27.653, 50.273

Inverse Universe

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



93, 10.439, 242.963



93, 12.172, 243.277



89, 16.764, 285.884



51, 4.121, 242.367



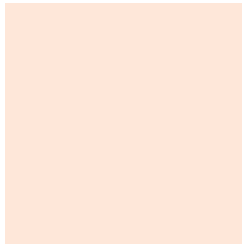
48, 45.545, 269.405



15, 19.216, 262.152

Previews

White Background



This preview shows how the CIELCh color 93, 11.156, 59.825 looks on a white background.

Color Contrast Check

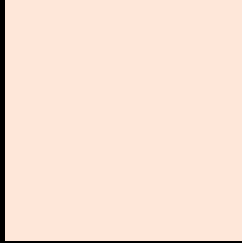
Large Text (above 18pt) WCAG AA × Fail

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, 11.156, 59.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

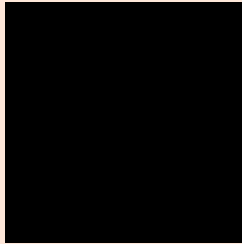
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 11.156, 59.825

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.156, 59.825.

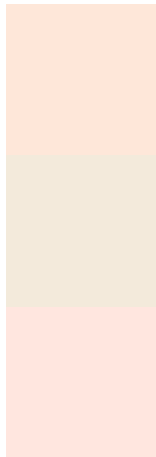


This preview shows how white text looks on a background with the CIELCh color 93, 11.156, 59.825.

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, 11.156, 59.825

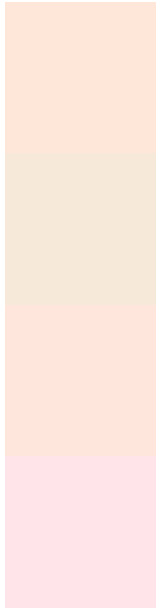
Protanopia
93, 8.368, 86.358

Deuteranopia
93, 9.854, 41.275



Tritanopia
93, 12.962, 340.828

Trichromacy



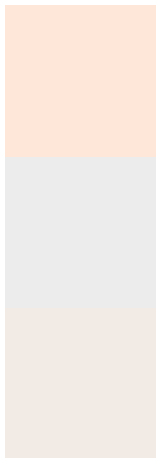
Original Color
93, 11.156, 59.825

Protanomaly
93, 9.260, 75.754

Deuteranomaly
93, 10.304, 46.503

Tritanomaly
93, 10.091, 5.329

Monochromacy



Original Color
93, 11.156, 59.825

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 3.840, 61.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.156, 59.825 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(254, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 217)  
}
```

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(254, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.156, 59.825 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(254, 231, 217) }
```

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

```
.border{ border-color:rgb(254, 231, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.156, 59.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 217) }
```

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

```
.background{ background-color: rgb(254,  
231, 217) }
```

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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