

Converting Colors

CIELCh(93, 12.057, 54.977)

Have a look what the booklet for
CIELCh(93, 12.057, 54.977) contains.

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Color

CIELCh(93, 11.756, 57.476)

Conversions

Conversions Part 1

Format	Color
Hex	FFE6D8
RGB	255, 230, 216
RGB Percent	100%, 90%, 85%
CMY	0.0000, 0.0973, 0.1522
CMYK	0.00, 0.10, 0.15, 0.00
HSL	22°, 100%, 92%
HSV	22°, 15%, 100%
XYZ	82.0833, 82.9670, 76.7834
YIQ	235.8790, 19.3940, 0.9460

Conversions

Conversions Part 2

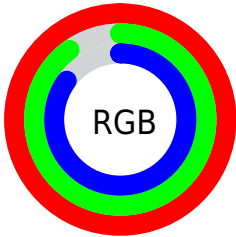
Format	Color
R _Y B	255, 238, 216
Decimal	16770776
CIE Lab	93.00, 6.32, 9.91
CIE LCh	93, 11.756, 57.476
Yxy	82.9670, 0.3394, 0.3431
Android (android.graphics.Color)	4294960856 (0xFFFFE6D8)
YUV	235.8790, -9.8003, 16.7691
Hunter-Lab	91.0862, 1.4562, 13.7804

Details

The CIELCh color **93, 11.756, 57.476** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 10.865, 240.792**, 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, 11.844, 59.477** is the 20% darker color. If you saturate the color by 10%, you get **88, 20.076, 56.885**, and if you desaturate by 10%, it is **98, 3.873, 58.503**.

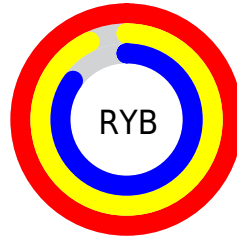
Distribution



Red (100%)

Green (90%)

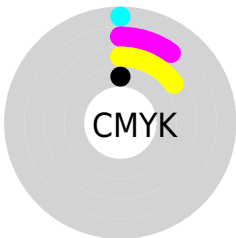
Blue (85%)



Red (100%)

Yellow (93%)

Blue (85%)

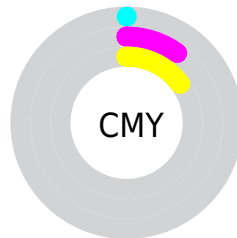


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.756, 57.476 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, 11.756, 57.476 by changing the saturation by 10% instead.

 93, 11.756, 57.476

 93, 11.756, 57.476

 100, 11.756,
57.476

 83, 11.756, 57.476

 73, 11.756, 57.476

 63, 11.756, 57.476

 53, 11.756, 57.476

 43, 11.756, 57.476

 33, 11.756, 57.476

 23, 11.756, 57.476

 13, 11.756, 57.476

 3, 11.756, 57.476

93, 11.756, 57.476

93, 11.756, 57.476

88, 20.076, 56.885

98, 3.873, 58.503

84, 29.060, 56.098

100, 0.012,
296.813

80, 38.672, 55.376

76, 48.890, 54.723

72, 59.589, 54.119

68, 70.442, 53.476

65, 80.699, 52.571

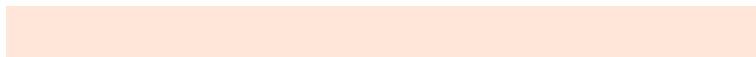
62, 88.956, 50.945

61, 92.087, 49.956

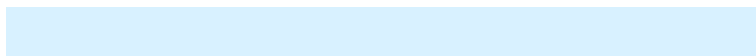
Harmonies

Complementary

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



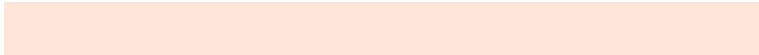
93, 11.756, 57.476



94, 10.865, 240.792

Rectangle

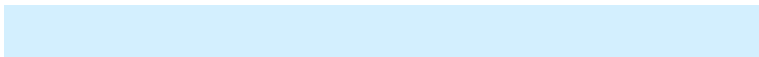
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.756, 57.476



93, 11.756, 107.476



93, 11.756, 237.476



93, 11.756, 287.476

Sweetspot

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



93, 11.696, 57.714



98, 3.708, 58.516



90, 19.044, 337.484



52, 2.536, 58.472



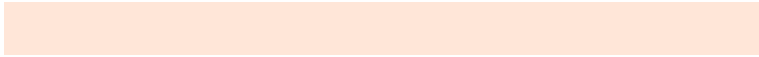
0, 0.000, 0.000



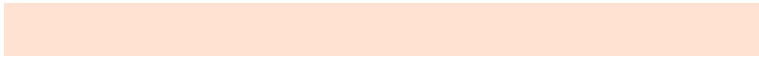
53, 0.007, 296.813

Same Dimension

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



93, 11.696, 57.714



92, 13.969, 57.481



98, 16.879, 101.557



51, 4.284, 58.186



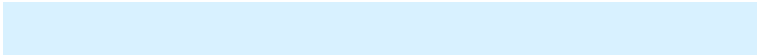
46, 73.715, 50.600



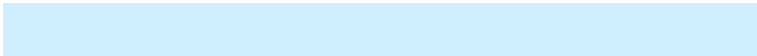
14, 27.829, 48.744

Inverse Universe

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



94, 10.865, 240.792



93, 12.784, 241.142



89, 17.264, 285.112



51, 4.100, 240.151



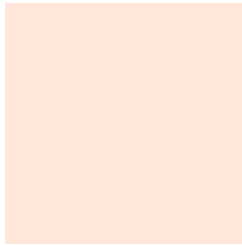
49, 44.007, 266.725



15, 18.700, 259.454

Previews

White Background



This preview shows how the CIELCh color 93, 11.756, 57.476 looks on a white background.

Color Contrast Check

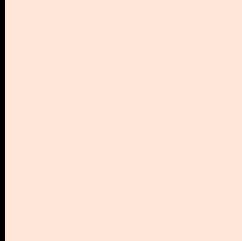
Large Text (above 18pt) WCAG AA × Fail

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, 11.756, 57.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

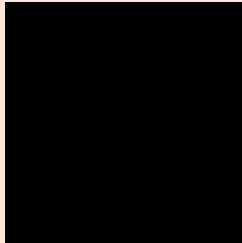
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

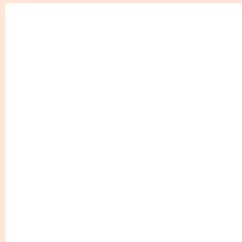
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.756, 57.476

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.756, 57.476.

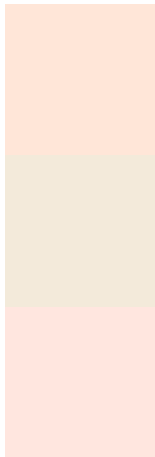


This preview shows how white text looks on a background with the CIELCh color 93, 11.756, 57.476.

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, 11.756, 57.476

Protanopia

93, 8.846, 87.600

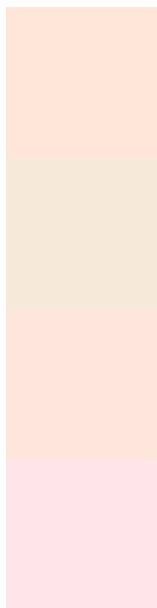
Deuteranopia

93, 9.854, 41.275



Tritanopia
93, 12.051, 343.511

Trichromacy



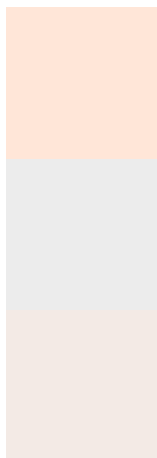
Original Color
93, 11.756, 57.476

Protanomaly
93, 9.697, 77.368

Deuteranomaly
93, 10.304, 46.503

Tritanomaly
93, 9.618, 7.705

Monochromacy



Original Color
93, 11.756, 57.476

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.118, 58.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.756, 57.476 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(255, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 216)  
}
```

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(255, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.756, 57.476 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(255, 230, 216) }
```

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

```
.border{ border-color:rgb(255, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.756, 57.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 216) }
```

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

```
.background{ background-color: rgb(255,  
230, 216) }
```

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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