

Converting Colors

CIELCh(93, 11.556, 82.937)

Have a look what the booklet for
CIELCh(93, 11.556, 82.937) contains.

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Color

CIELCh(93, 11.509, 82.534)

Conversions

Conversions Part 1

Format	Color
Hex	F7E9D5
RGB	247, 233, 213
RGB Percent	97%, 91%, 84%
CMY	0.0308, 0.0857, 0.1642
CMYK	0.00, 0.06, 0.14, 0.03
HSL	35°, 68%, 90%
HSV	35°, 14%, 97%
XYZ	79.6131, 82.9670, 74.8598
YIQ	234.9060, 14.7640, -3.2520

Conversions

Conversions Part 2

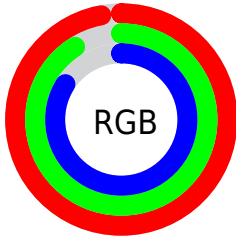
Format	Color
R _Y B	237, 247, 213
Decimal	16247253
CIE Lab	93.00, 1.50, 11.41
CIE LCh	93, 11.509, 82.534
Yxy	82.9670, 0.3353, 0.3494
Android (android.graphics.Color)	4294437333 (0xFFFF7E9D5)
YUV	234.9060, -10.7997, 10.6064
Hunter-Lab	91.0862, -3.3847, 15.0325

Details

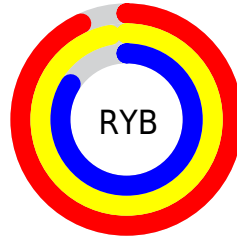
The CIELCh color **93, 11.509, 82.534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 11.326, 266.297**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 11.485, 82.682** is the 20% darker color. If you saturate the color by 10%, you get **90, 20.208, 81.228**, and if you desaturate by 10%, it is **96, 3.088, 83.757**.

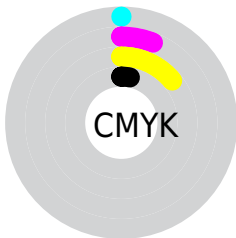
Distribution



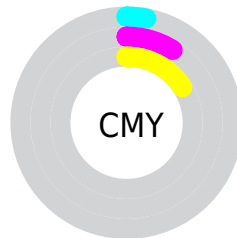
- Red (97%)
- Green (91%)
- Blue (84%)



- Red (93%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.509, 82.534 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, 11.509, 82.534 by changing the saturation by 10% instead.

 93, 11.509, 82.534

 93, 11.509, 82.534

 100, 11.509,
82.534

 83, 11.509, 82.534

 73, 11.509, 82.534

 63, 11.509, 82.534

 53, 11.509, 82.534

 43, 11.509, 82.534

 33, 11.509, 82.534

 23, 11.509, 82.534

 13, 11.509, 82.534

 3, 11.509, 82.534

93, 11.509, 82.534

93, 11.509, 82.534

90, 20.208, 81.228

96, 3.088, 83.757

87, 29.179, 79.866

99, 2.320, 218.900

84, 38.391, 78.466

99, 2.722, 199.476

81, 47.752, 77.022

79, 57.058, 75.507

76, 65.900, 73.853

73, 73.546, 71.920

71, 78.955, 69.459

70, 81.146, 67.640

Harmonies

Complementary

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



93, 11.509, 82.534



90, 11.326, 266.297

Rectangle

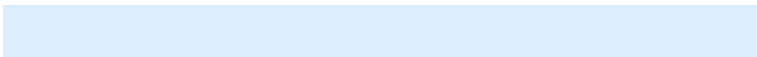
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.509, 82.534



93, 11.509, 132.534



93, 11.509, 262.534



93, 11.509, 312.534

Sweetspot

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



93, 11.510, 82.547



99, 3.372, 83.732



88, 14.361, 349.643



52, 2.401, 83.653



0, 0.000, 0.000



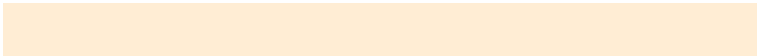
53, 0.007, 296.813

Same Dimension

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



93, 11.510, 82.547



95, 14.667, 82.122



96, 17.340, 112.295



50, 4.684, 83.091



54, 65.499, 68.302



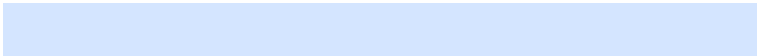
16, 24.951, 70.606

Inverse Universe

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



90, 11.326, 266.297



91, 14.363, 266.814



86, 17.893, 294.731



48, 4.639, 265.668



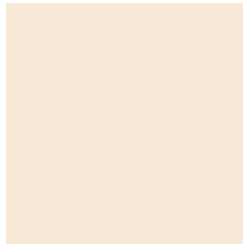
36, 67.591, 291.607



9, 25.903, 285.120

Previews

White Background



This preview shows how the CIE LCh color 93, 11.509, 82.534 looks on a white background.

Color Contrast Check

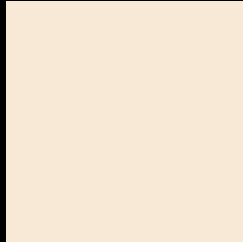
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 11.509, 82.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

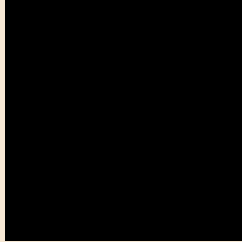
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

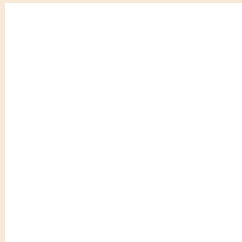
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.509, 82.534

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.509, 82.534.

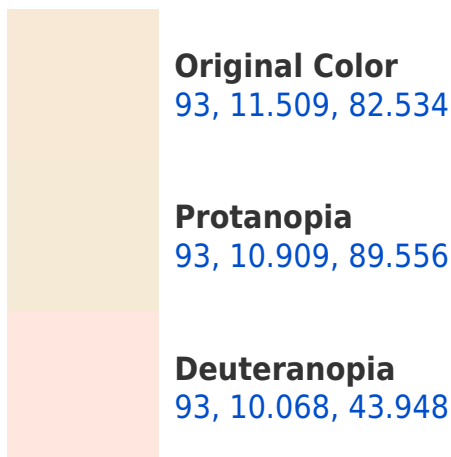


This preview shows how white text looks on a background with the CIELCh color 93, 11.509, 82.534.

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](#).

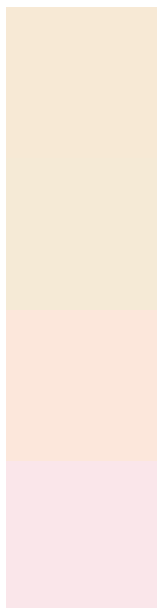
Dichromacy





Tritanopia
93, 12.621, 332.934

Trichromacy



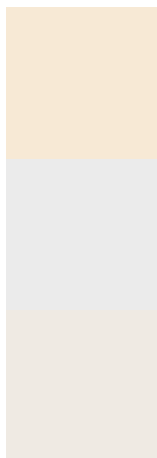
Original Color
93, 11.509, 82.534

Protanomaly
93, 11.040, 87.736

Deuteranomaly
93, 9.897, 58.212

Tritanomaly
93, 7.488, 3.919

Monochromacy



Original Color
93, 11.509, 82.534

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.007, 83.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.509, 82.534 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(247, 233, 213)` looks like.

```
.text, #text, p{  
    color:rgb(247, 233, 213)  
}
```

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(247, 233, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 233, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.509, 82.534 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(247, 233, 213) }
```

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

```
.border{ border-color:rgb(247, 233, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 233, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(247, 233,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.509, 82.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 233, 213) }
```

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

```
.background{ background-color: rgb(247,  
233, 213) }
```

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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