

Converting Colors

CIELCh(93, 11.487, 75.748)

Have a look what the booklet for
CIELCh(93, 11.487, 75.748) contains.

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Color

CIELCh(93, 11.195, 75.159)

Conversions

Conversions Part 1

Format	Color
Hex	F9E8D6
RGB	249, 232, 214
RGB Percent	98%, 91%, 84%
CMY	0.0222, 0.0889, 0.1595
CMYK	0.00, 0.07, 0.14, 0.02
HSL	31°, 76%, 91%
HSV	31°, 14%, 98%
XYZ	80.3104, 82.9670, 75.6129
YIQ	235.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

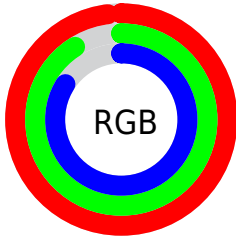
Format	Color
RYB	247, 249, 214
Decimal	16378070
CIELab	93.00, 2.87, 10.82
CIELCh	93, 11.195, 75.159
Yxy	82.9670, 0.3362, 0.3473
Android (android.graphics.Color)	4294568150 (0xFFFF9E8D6)
YUV	235.0310, -10.3683, 12.2508
Hunter-Lab	91.0862, -2.0182, 14.5423

Details

The CIELCh color **93, 11.195, 75.159** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 10.839, 258.940**, 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, 11.161, 74.891** is the 20% darker color. If you saturate the color by 10%, you get **89, 19.608, 73.909**, and if you desaturate by 10%, it is **97, 3.147, 76.333**.

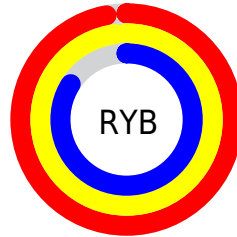
Distribution



Red (98%)

Green (91%)

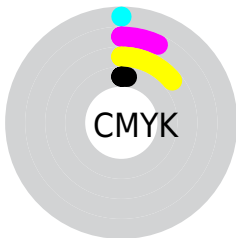
Blue (84%)



Red (97%)

Yellow (98%)

Blue (84%)

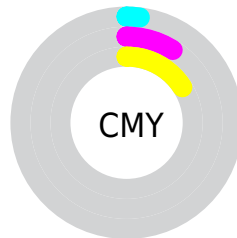


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.195, 75.159 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, 11.195, 75.159 by changing the saturation by 10% instead.

 93, 11.195, 75.159


 93, 11.195, 75.159

 100, 11.195,
75.159

 83, 11.195, 75.159

 73, 11.195, 75.159

 63, 11.195, 75.159

 53, 11.195, 75.159

 43, 11.195, 75.159

 33, 11.195, 75.159

 23, 11.195, 75.159

 13, 11.195, 75.159

 3, 11.195, 75.159

93, 11.195, 75.159

93, 11.195, 75.159

89, 19.608, 73.909

97, 3.147, 76.333

86, 28.401, 72.618

100, 1.967,
199.617

83, 37.567, 71.308

79, 47.044, 69.973

76, 56.665, 68.584

73, 66.062, 67.063

70, 74.516, 65.238

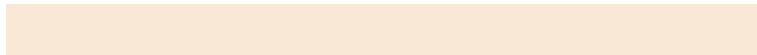
68, 80.897, 62.793

66, 83.620, 61.036

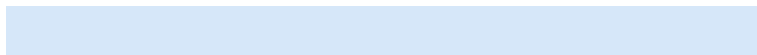
Harmonies

Complementary

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



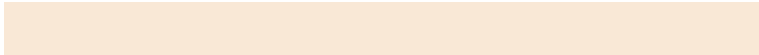
93, 11.195, 75.159



91, 10.839, 258.940

Rectangle

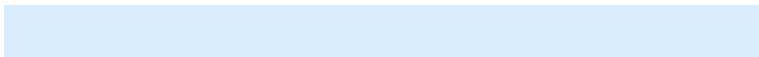
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.195, 75.159



93, 11.195, 125.159



93, 11.195, 255.159



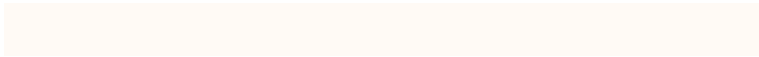
93, 11.195, 305.159

Sweetspot

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



93, 11.196, 75.173



99, 3.172, 76.336



89, 15.560, 344.833



52, 2.259, 76.264



0, 0.000, 0.000



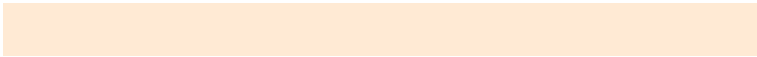
53, 0.007, 296.813

Same Dimension

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



93, 11.196, 75.173



94, 13.897, 74.801



97, 17.779, 108.810



50, 4.494, 75.729



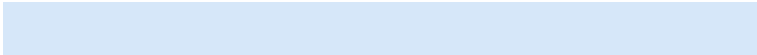
51, 67.607, 61.732



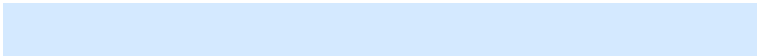
16, 25.835, 63.119

Inverse Universe

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



91, 10.839, 258.940



91, 13.347, 259.407



87, 18.363, 291.700



50, 4.404, 258.280



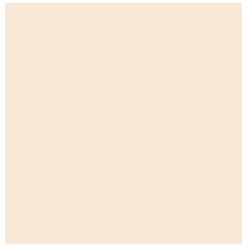
40, 59.358, 285.525



11, 23.554, 278.738

Previews

White Background



This preview shows how the CIELCh color 93, 11.195, 75.159 looks on a white background.

Color Contrast Check

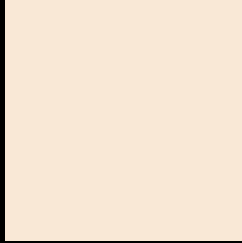
Large Text (above 18pt) WCAG AA × Fail

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, 11.195, 75.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

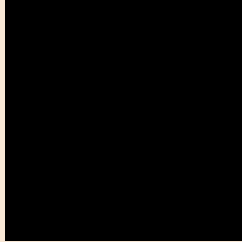
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 11.195, 75.159

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.195, 75.159.

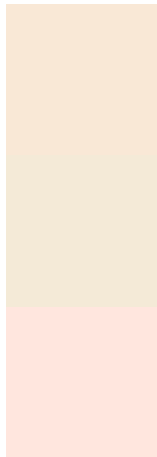


This preview shows how white text looks on a background with the CIELCh color 93, 11.195, 75.159.

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, 11.195, 75.159

Protanopia

93, 10.424, 88.669

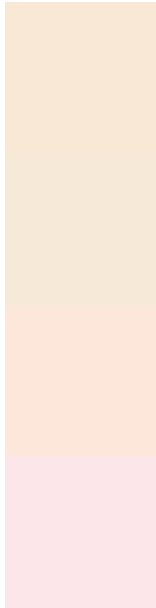
Deuteranopia

93, 10.068, 43.948



Tritanopia
93, 13.109, 335.280

Trichromacy



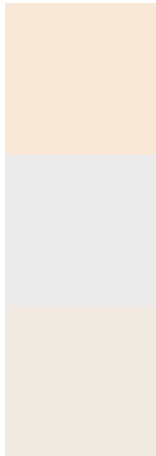
Original Color
93, 11.195, 75.159

Protanomaly
93, 10.414, 81.970

Deuteranomaly
93, 10.194, 56.913

Tritanomaly
93, 8.189, 5.385

Monochromacy



Original Color
93, 11.195, 75.159

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 4.180, 78.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.195, 75.159 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 232, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 232, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.195, 75.159 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, 214) }
```

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

```
.border{ border-color:rgb(249, 232, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 232, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 232, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 232,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.195, 75.159 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, 214) }
```

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

```
.background{ background-color: rgb(249,  
232, 214) }
```

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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