

Converting Colors

CIELCh(100, 38.076, 32.915)

Have a look what the booklet for
CIELCh(100, 38.076, 32.915)
contains.

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Color

CIELCh(93, 11.791, 60.491)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7D8
RGB	254, 231, 216
RGB Percent	100%, 91%, 85%
CMY	0.0020, 0.0961, 0.1549
CMYK	0.00, 0.09, 0.15, 0.00
HSL	23°, 97%, 92%
HSV	23°, 15%, 100%
XYZ	81.8184, 82.9670, 76.3325
YIQ	236.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

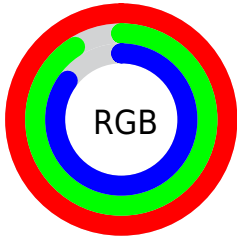
Format	Color
RYB	254, 241, 216
Decimal	16705496
CIELab	93.00, 5.81, 10.26
CIELCh	93, 11.791, 60.491
Yxy	82.9670, 0.3393, 0.3441
Android (android.graphics.Color)	4294895576 (0xFFFE7D8)
YUV	236.1670, -9.9423, 15.6395
Hunter-Lab	91.0862, 0.9370, 14.0739

Details

The CIELCh color **93, 11.791, 60.491** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93, 11.009, 243.851**, 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, 11.536, 60.735** is the 20% darker color. If you saturate the color by 10%, you get **89, 20.152, 59.579**, and if you desaturate by 10%, it is **97, 3.960, 61.386**.

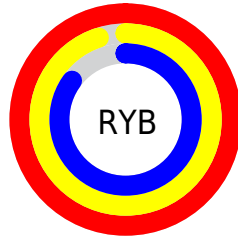
Distribution



Red (100%)

Green (91%)

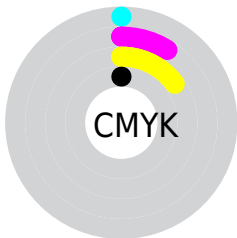
Blue (85%)



Red (100%)

Yellow (95%)

Blue (85%)

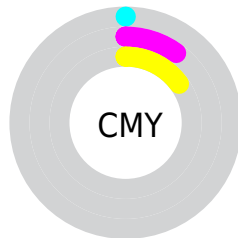


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 11.791, 60.491 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, 11.791, 60.491 by changing the saturation by 10% instead.

 93, 11.791, 60.491

 93, 11.791, 60.491

 100, 11.791,
60.491

 83, 11.791, 60.491

 73, 11.791, 60.491

 63, 11.791, 60.491

 53, 11.791, 60.491

 43, 11.791, 60.491

 33, 11.791, 60.491

 23, 11.791, 60.491

 13, 11.791, 60.491

 3, 11.791, 60.491

93, 11.791, 60.491

93, 11.791, 60.491

89, 20.152, 59.579

97, 3.960, 61.386

84, 29.087, 58.682

100, 0.177,
203.136

80, 38.615, 57.834

76, 48.709, 57.037

72, 59.238, 56.265

69, 69.863, 55.430

66, 79.829, 54.309

63, 87.765, 52.459

62, 90.715, 51.394

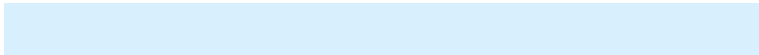
Harmonies

Complementary

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



93, 11.791, 60.491



93, 11.009, 243.851

Rectangle

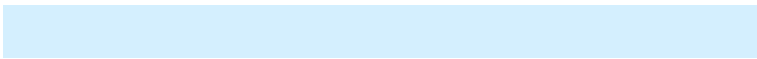
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 11.791, 60.491



93, 11.791, 110.491



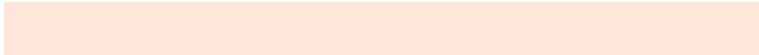
93, 11.791, 240.491



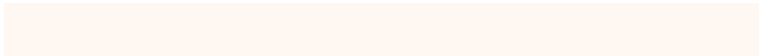
93, 11.791, 290.491

Sweetspot

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



93, 11.791, 60.505



98, 3.725, 61.408



90, 18.699, 339.016



52, 2.548, 61.357



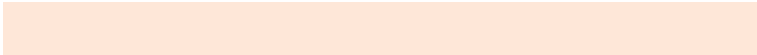
0, 0.000, 0.000



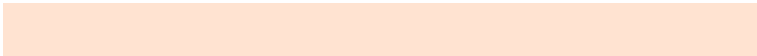
53, 0.007, 296.813

Same Dimension

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



93, 11.791, 60.505



92, 14.002, 60.256



98, 17.548, 103.330



51, 4.300, 61.038



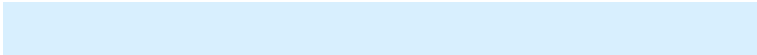
47, 72.749, 52.057



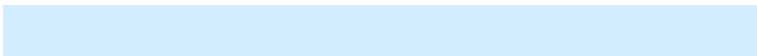
14, 27.595, 50.827

Inverse Universe

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



93, 11.009, 243.851



92, 12.900, 244.212



88, 18.010, 286.811



51, 4.130, 243.148



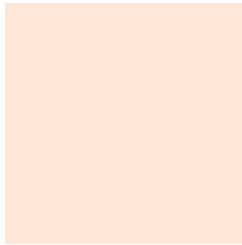
48, 46.114, 270.321



15, 19.409, 263.082

Previews

White Background



This preview shows how the CIE LCh color 93, 11.791, 60.491 looks on a white background.

Color Contrast Check

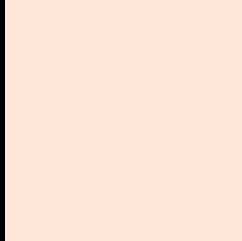
Large Text (above 18pt) WCAG AA × Fail

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, 11.791, 60.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

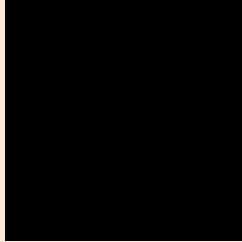
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 11.791, 60.491

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.791, 60.491.

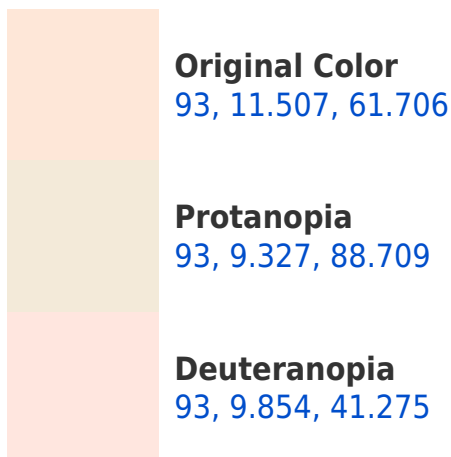


This preview shows how white text looks on a background with the CIELCh color 93, 11.791, 60.491.

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](#).

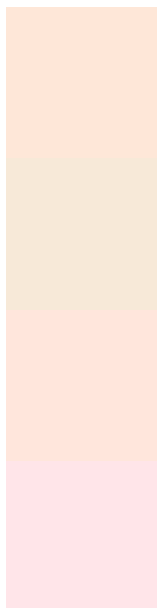
Dichromacy





Tritanopia
93, 12.358, 341.588

Trichromacy



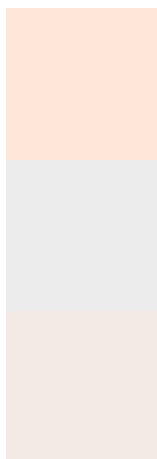
Original Color
93, 11.507, 61.706

Protanomaly
93, 10.141, 78.838

Deuteranomaly
93, 10.560, 48.936

Tritanomaly
93, 9.618, 7.705

Monochromacy



Original Color
93, 11.507, 61.706

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, 11.791, 60.491 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.791, 60.491 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, 216) }
```

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

```
.border{ border-color:rgb(254, 231, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.791, 60.491 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, 216) }
```

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

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