

Converting Colors

CIELCh(93, 26.312, 88.453)

Have a look what the booklet for
CIELCh(93, 26.312, 88.453) contains.

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Color

CIELCh(93, 26.091, 89.093)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B9
RGB	255, 233, 185
RGB Percent	100%, 91%, 73%
CMY	0.0004, 0.0866, 0.2748
CMYK	0.00, 0.09, 0.27, 0.00
HSL	41°, 100%, 86%
HSV	41°, 27%, 100%
XYZ	79.0658, 82.9670, 57.6971
YIQ	234.1060, 28.5200, -10.2640

Conversions

Conversions Part 2

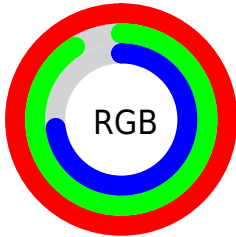
Format	Color
R_{YB}	217, 255, 185
Decimal	16771513
CIE _{Lab}	93.00, 0.41, 26.09
CIE _{LCh}	93, 26.091, 89.093
Yxy	82.9670, 0.3598, 0.3776
Android (android.graphics.Color)	4294961593 (0xFFFFE9B9)
YUV	234.1060, -24.2093, 18.3240
Hunter-Lab	91.0862, -4.4571, 26.2041

Details

The CIELCh color **93, 26.091, 89.093** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.098, 276.790**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **73, 25.829, 88.058** is the 20% darker color. If you saturate the color by 10%, you get **91, 35.872, 87.744**, and if you desaturate by 10%, it is **95, 16.437, 90.412**.

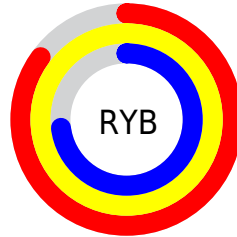
Distribution



Red (100%)

Green (91%)

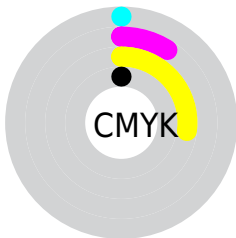
Blue (73%)



Red (85%)

Yellow (100%)

Blue (73%)

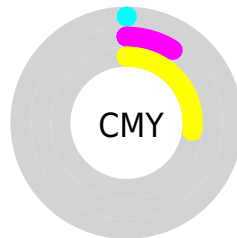


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 26.091, 89.093 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, 26.091, 89.093 by changing the saturation by 10% instead.

 93, 26.091, 89.093

 93, 26.091, 89.093

 100, 26.091,
89.093

 83, 26.091, 89.093

 73, 26.091, 89.093

 63, 26.091, 89.093

 53, 26.091, 89.093

 43, 26.091, 89.093

 33, 26.091, 89.093

 23, 26.091, 89.093

 13, 26.091, 89.093

 3, 26.091, 89.093

93, 26.091, 89.093

93, 26.091, 89.093

91, 35.872, 87.744

95, 16.437, 90.412

88, 45.685, 86.347

98, 6.949, 91.664

86, 55.348, 84.902

100, 0.033,
219.647

84, 64.518, 83.382

82, 72.603, 81.729

80, 78.722, 79.822

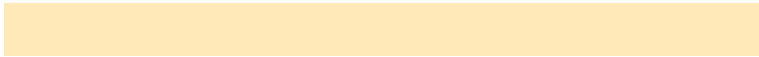
78, 82.015, 77.492

77, 82.595, 76.862

Harmonies

Complementary

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



93, 26.091, 89.093



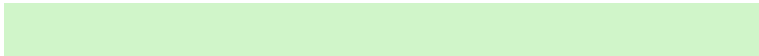
83, 26.098, 276.790

Rectangle

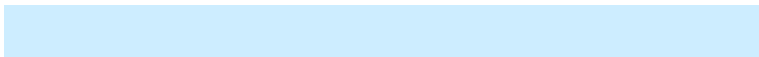
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 26.091, 89.093



93, 26.091, 139.093



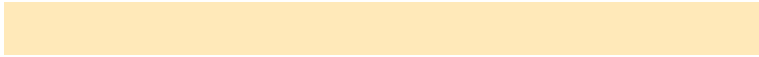
93, 26.091, 269.093



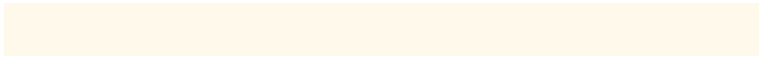
93, 26.091, 319.093

Sweetspot

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



93, 26.092, 89.099



98, 7.461, 91.599



82, 28.461, 357.800



52, 5.311, 91.416



0, 0.000, 0.000



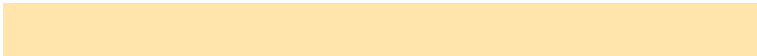
53, 0.007, 296.813

Same Dimension

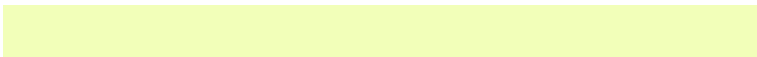
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 26.092, 89.099



92, 31.511, 88.353



98, 35.563, 115.394



52, 5.311, 91.416



59, 66.583, 77.377



19, 28.363, 80.122

Inverse Universe

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



83, 26.098, 276.790



80, 31.539, 277.867



78, 37.846, 299.694



50, 5.320, 273.897



32, 81.370, 297.718



8, 32.657, 292.746

Previews

White Background



This preview shows how the CIE LCh color 93, 26.091, 89.093 looks on a white background.

Color Contrast Check

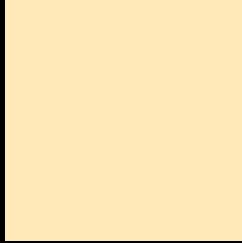
Large Text (above 18pt) WCAG AA × Fail

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, 26.091, 89.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

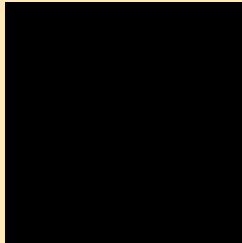
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 26.091, 89.093

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.091, 89.093.



This preview shows how white text looks on a background with the CIELCh color 93, 26.091, 89.093.

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, 26.091, 89.093

Protanopia

93, 25.760, 95.166

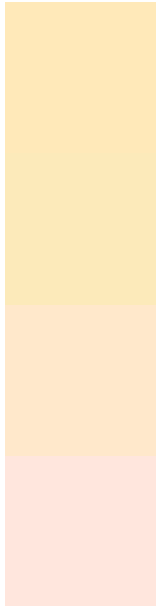
Deuteranopia

93, 12.889, 65.458



Tritanopia
93, 11.758, 345.534

Trichromacy



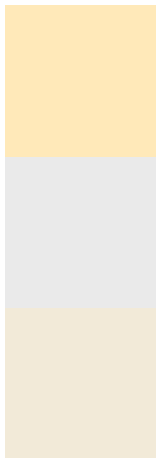
Original Color
93, 26.091, 89.093

Protanomaly
93, 25.585, 92.407

Deuteranomaly
93, 17.288, 78.741

Tritanomaly
93, 10.304, 46.503

Monochromacy



Original Color
93, 26.091, 89.093

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 9.695, 91.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 26.091, 89.093 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, 233, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 185)  
}
```

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, 233, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.091, 89.093 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, 233, 185) }
```

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

```
.border{ border-color:rgb(255, 233, 185) }
```

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

Here you see how a box with a 4 pixel rgb(255, 233, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.091, 89.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 185) }
```

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

```
.background{ background-color: rgb(255,  
233, 185) }
```

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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