

Converting Colors

CIELCh(93, 26.878, 89.803)

Have a look what the booklet for
CIELCh(93, 26.878, 89.803) contains.

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Color

CIELCh(93, 27.063, 89.671)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B7
RGB	255, 233, 183
RGB Percent	100%, 91%, 72%
CMY	0.0000, 0.0862, 0.2823
CMYK	0.00, 0.09, 0.28, 0.00
HSL	42°, 100%, 86%
HSV	42°, 28%, 100%
XYZ	78.9359, 82.9670, 56.6608
YIQ	233.8780, 29.1620, -10.8860

Conversions

Conversions Part 2

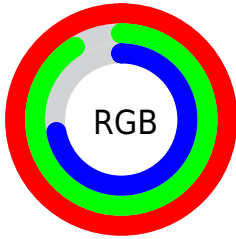
Format	Color
R_{YB}	215, 255, 183
Decimal	16771511
CIE Lab	93.00, 0.16, 27.06
CIE LCh	93, 27.063, 89.671
Yxy	82.9670, 0.3612, 0.3796
Android (android.graphics.Color)	4294961591 (0xFFFFE9B7)
YUV	233.8780, -25.0829, 18.5240
Hunter-Lab	91.0862, -4.7116, 26.8786

Details

The CIELCh color **93, 27.063, 89.671** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 27.149, 277.584**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **73, 26.702, 89.511** is the 20% darker color. If you saturate the color by 10%, you get **91, 36.905, 88.336**, and if you desaturate by 10%, it is **95, 17.327, 90.997**.

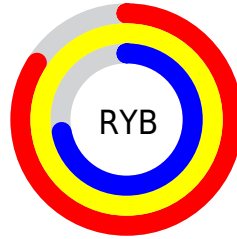
Distribution



Red (100%)

Green (91%)

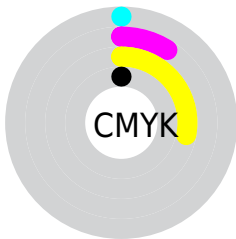
Blue (72%)



Red (84%)

Yellow (100%)

Blue (72%)

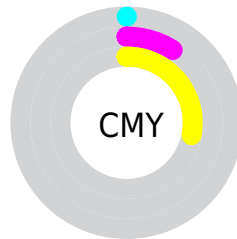


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 27.063, 89.671 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, 27.063, 89.671 by changing the saturation by 10% instead.

 93, 27.063, 89.671

 93, 27.063, 89.671

 100, 27.063,
89.671

 83, 27.063, 89.671

 73, 27.063, 89.671

 63, 27.063, 89.671

 53, 27.063, 89.671

 43, 27.063, 89.671

 33, 27.063, 89.671

 23, 27.063, 89.671

 13, 27.063, 89.671

 3, 27.063, 89.671

93, 27.063, 89.671

93, 27.063, 89.671

91, 36.905, 88.336

95, 17.327, 90.997

88, 46.753, 86.944

98, 7.746, 92.250

86, 56.410, 85.504

100, 0.012,
296.813

84, 65.510, 83.990

82, 73.435, 82.342

80, 79.289, 80.443

78, 82.309, 78.138

78, 82.702, 77.710

Harmonies

Complementary

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



93, 27.063, 89.671



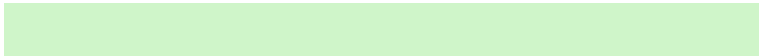
82, 27.149, 277.584

Rectangle

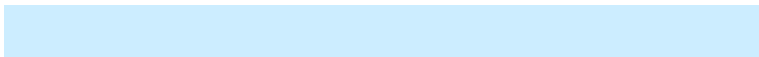
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 27.063, 89.671



93, 27.063, 139.671



93, 27.063, 269.671



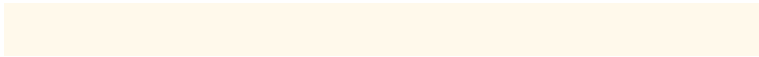
93, 27.063, 319.671

Sweetspot

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



93, 27.062, 89.688



98, 7.528, 92.278



82, 29.300, 357.904



52, 5.358, 92.095



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

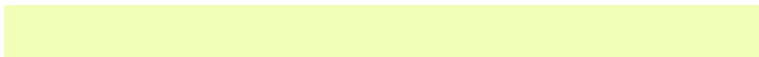
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 27.062, 89.688



92, 32.734, 88.913



98, 36.555, 115.339



52, 5.358, 92.095



60, 66.659, 78.211



20, 28.496, 80.935

Inverse Universe

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



82, 27.149, 277.584



79, 32.890, 278.716



78, 38.980, 299.774



50, 5.373, 274.562



31, 82.460, 298.170



8, 33.097, 293.256

Previews

White Background



This preview shows how the CIE LCh color 93, 27.063, 89.671 looks on a white background.

Color Contrast Check

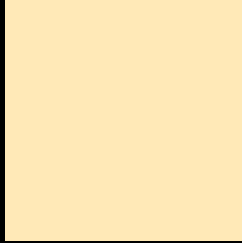
Large Text (above 18pt) WCAG AA × Fail

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, 27.063, 89.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

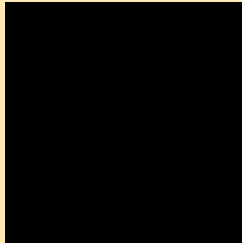
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 27.063, 89.671

Background



This preview shows how black text looks on a background with the CIELCh color 93, 27.063, 89.671.



This preview shows how white text looks on a background with the CIELCh color 93, 27.063, 89.671.

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, 27.063, 89.671

Protanopia

93, 26.755, 95.540

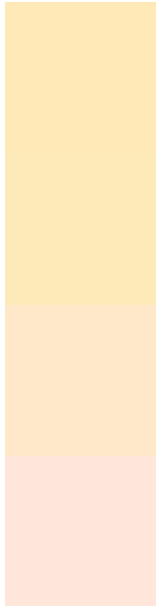
Deuteranopia

93, 12.889, 65.458



Tritanopia
93, 11.481, 347.659

Trichromacy



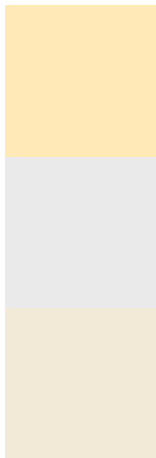
Original Color
93, 27.063, 89.671

Protanomaly
93, 26.571, 92.883

Deuteranomaly
93, 17.740, 79.501

Tritanomaly
93, 10.834, 51.248

Monochromacy



Original Color
93, 27.063, 89.671

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 10.188, 92.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 27.063, 89.671 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 27.063, 89.671 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, 183) }
```

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

```
.border{ border-color:rgb(255, 233, 183) }
```

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, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 27.063, 89.671 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
233, 183) }
```

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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