

Converting Colors

CIELCh(95, 31.175, 73.137)

Have a look what the booklet for
CIELCh(95, 31.175, 73.137) contains.

CIELCh(93, 26.577, 89.388)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(93, 26.577, 89.388)

Conversions

Conversions Part 1

Format	Color
Hex	FFE9B8
RGB	255, 233, 184
RGB Percent	100%, 91%, 72%
CMY	0.0002, 0.0864, 0.2786
CMYK	0.00, 0.09, 0.28, 0.00
HSL	41°, 100%, 86%
HSV	41°, 28%, 100%
XYZ	79.0007, 82.9670, 57.1771
YIQ	233.9920, 28.8410, -10.5750

Conversions

Conversions Part 2

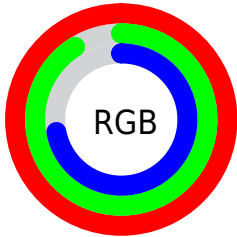
Format	Color
R _Y B	216, 255, 184
Decimal	16771512
CIE Lab	93.00, 0.28, 26.58
CIE LCh	93, 26.577, 89.388
Yxy	82.9670, 0.3605, 0.3786
Android (android.graphics.Color)	4294961592 (0xFFFFE9B8)
YUV	233.9920, -24.6461, 18.4240
Hunter-Lab	91.0862, -4.5847, 26.5426

Details

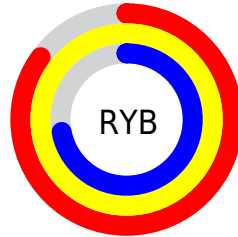
The CIELCh color **93, 26.577, 89.388** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.623, 277.189**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **73, 26.336, 88.368** is the 20% darker color. If you saturate the color by 10%, you get **91, 36.390, 88.041**, and if you desaturate by 10%, it is **95, 16.883, 90.705**.

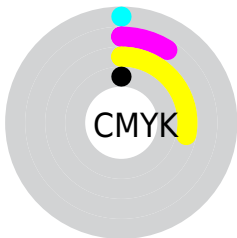
Distribution



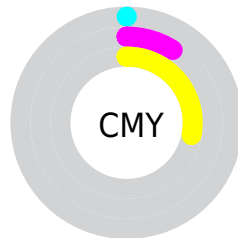
- Red (100%)
- Green (91%)
- Blue (72%)



- Red (85%)
- 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, 26.577, 89.388 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, 26.577, 89.388 by changing the saturation by 10% instead.

 93, 26.577, 89.388

 93, 26.577, 89.388

 100, 26.577,
89.388

 83, 26.577, 89.388

 73, 26.577, 89.388

 63, 26.577, 89.388

 53, 26.577, 89.388

 43, 26.577, 89.388

 33, 26.577, 89.388

 23, 26.577, 89.388

 13, 26.577, 89.388

 3, 26.577, 89.388

93, 26.577, 89.388

93, 26.577, 89.388

91, 36.390, 88.041

95, 16.883, 90.705

88, 46.221, 86.646

98, 7.347, 91.958

86, 55.881, 85.204

100, 0.017,
242.243

84, 65.017, 83.687

82, 73.023, 82.035

80, 79.010, 80.132

78, 82.163, 77.813

77, 82.647, 77.286

Harmonies

Complementary

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



93, 26.577, 89.388



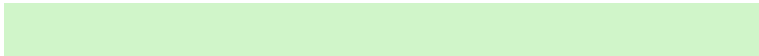
83, 26.623, 277.189

Rectangle

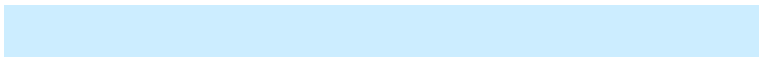
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 26.577, 89.388



93, 26.577, 139.388



93, 26.577, 269.388



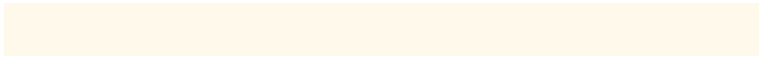
93, 26.577, 319.388

Sweetspot

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



93, 26.578, 89.394



98, 7.494, 91.940



82, 28.883, 357.852



52, 5.335, 91.757



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

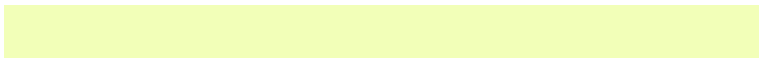
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 26.578, 89.394



92, 31.629, 88.702



98, 36.063, 115.367



52, 5.335, 91.757



60, 66.619, 77.794



20, 28.429, 80.529

Inverse Universe

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



83, 26.623, 277.189



79, 31.714, 278.191



78, 38.416, 299.734



50, 5.346, 274.231



32, 81.916, 297.946



8, 32.878, 293.005

Previews

White Background



This preview shows how the CIELCh color 93, 26.577, 89.388 looks on a white background.

Color Contrast Check

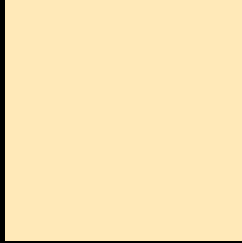
Large Text (above 18pt) WCAG AA × Fail

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, 26.577, 89.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

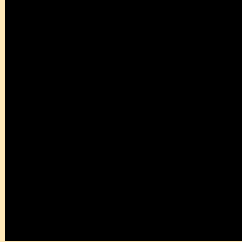
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 26.577, 89.388

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.577, 89.388.



This preview shows how white text looks on a background with the CIELCh color 93, 26.577, 89.388.

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, 26.577, 89.388

Protanopia

93, 26.258, 95.357

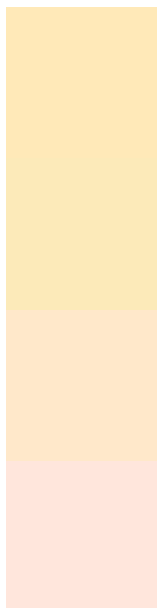
Deuteranopia

93, 12.889, 65.458



Tritanopia
93, 11.758, 345.534

Trichromacy



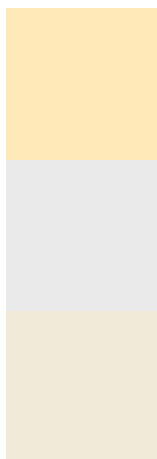
Original Color
93, 26.577, 89.388

Protanomaly
93, 26.078, 92.651

Deuteranomaly
93, 17.740, 79.501

Tritanomaly
93, 10.560, 48.936

Monochromacy



Original Color
93, 26.577, 89.388

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, 26.577, 89.388 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.577, 89.388 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, 184) }
```

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

```
.border{ border-color:rgb(255, 233, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.577, 89.388 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
233, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor