

Converting Colors

CIELCh(93, 19.476, 82.298)

Have a look what the booklet for
CIELCh(93, 19.476, 82.298) contains.

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Color

CIELCh(93, 19.581, 82.164)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C6
RGB	255, 232, 198
RGB Percent	100%, 91%, 78%
CMY	0.0004, 0.0906, 0.2239
CMYK	0.00, 0.09, 0.22, 0.00
HSL	36°, 100%, 89%
HSV	36°, 22%, 100%
XYZ	80.2096, 82.9670, 65.1514
YIQ	235.0010, 24.6220, -5.6980

Conversions

Conversions Part 2

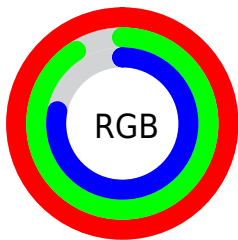
Format	Color
R_YB	237, 255, 198
Decimal	16771270
CIE _{Lab}	93.00, 2.67, 19.40
CIE _{LCh}	93, 19.581, 82.164
Yxy	82.9670, 0.3513, 0.3634
Android (android.graphics.Color)	4294961350 (0xFFFFE8C6)
YUV	235.0010, -18.2415, 17.5391
Hunter-Lab	91.0862, -2.2157, 21.3519

Details

The CIELCh color **93, 19.581, 82.164** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 19.079, 268.486**, 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, 19.536, 81.195** is the 20% darker color. If you saturate the color by 10%, you get **90, 28.782, 80.811**, and if you desaturate by 10%, it is **96, 10.652, 83.488**.

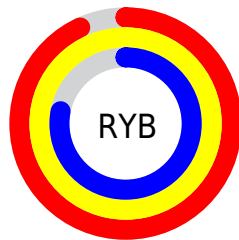
Distribution



Red (100%)

Green (91%)

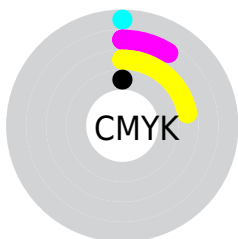
Blue (78%)



Red (93%)

Yellow (100%)

Blue (78%)

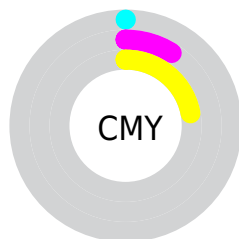


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 19.581, 82.164 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, 19.581, 82.164 by changing the saturation by 10% instead.

 93, 19.581, 82.164

 93, 19.581, 82.164

 100, 19.581,
82.164

 83, 19.581, 82.164

 73, 19.581, 82.164

 63, 19.581, 82.164

 53, 19.581, 82.164

 43, 19.581, 82.164

 33, 19.581, 82.164

 23, 19.581, 82.164

 13, 19.581, 82.164

 3, 19.581, 82.164

93, 19.581, 82.164

93, 19.581, 82.164

90, 28.782, 80.811

96, 10.652, 83.488

87, 38.224, 79.411

99, 1.995, 84.633

84, 47.818, 77.966

100, 0.037,
217.508

81, 57.368, 76.455

79, 66.484, 74.818

76, 74.456, 72.928

74, 80.243, 70.556

72, 82.941, 68.344

Harmonies

Complementary

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



93, 19.581, 82.164



87, 19.079, 268.486

Rectangle

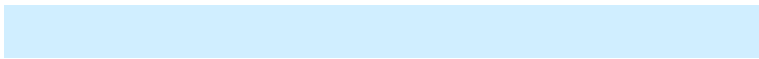
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 19.581, 82.164



93, 19.581, 132.164



93, 19.581, 262.164



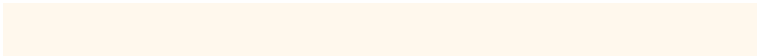
93, 19.581, 312.164

Sweetspot

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



93, 19.582, 82.173



98, 5.981, 84.158



85, 24.193, 350.575



52, 3.890, 84.085



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, 19.582, 82.173



92, 23.826, 81.546



98, 28.801, 111.559



52, 4.879, 83.850



55, 66.743, 68.989



18, 27.354, 71.526

Inverse Universe

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



87, 19.079, 268.486



85, 23.075, 269.346



82, 30.346, 295.685



50, 4.837, 266.433



36, 70.139, 292.278



10, 28.184, 286.530

Previews

White Background



This preview shows how the CIE LCh color 93, 19.581, 82.164 looks on a white background.

Color Contrast Check

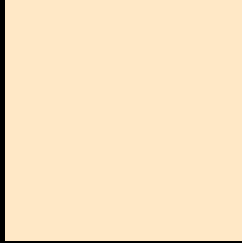
Large Text (above 18pt) WCAG AA × Fail

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, 19.581, 82.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

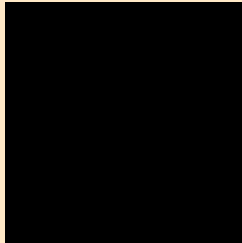
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 19.581, 82.164

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.581, 82.164.

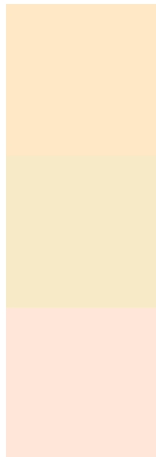


This preview shows how white text looks on a background with the CIELCh color 93, 19.581, 82.164.

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, 19.581, 82.164

Protanopia

93, 18.629, 93.410

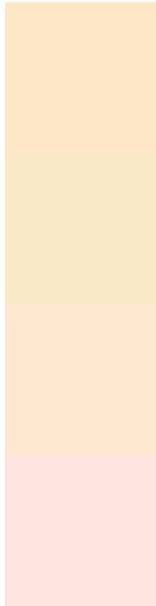
Deuteranopia

93, 11.756, 57.476



Tritanopia
93, 11.758, 345.534

Trichromacy



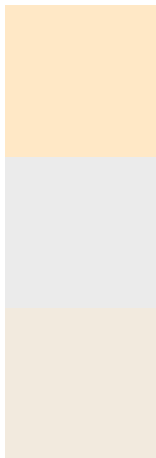
Original Color
93, 19.581, 82.164

Protanomaly
93, 18.627, 88.507

Deuteranomaly
93, 14.481, 70.819

Tritanomaly
93, 9.728, 32.147

Monochromacy



Original Color
93, 19.581, 82.164

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 6.804, 84.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 19.581, 82.164 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, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 198)  
}
```

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, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.581, 82.164 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, 232, 198) }
```

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

```
.border{ border-color:rgb(255, 232, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.581, 82.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 198) }
```

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

```
.background{ background-color: rgb(255,  
232, 198) }
```

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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