

Converting Colors

CIELCh(93, 19.475, 84.042)

Have a look what the booklet for
CIELCh(93, 19.475, 84.042) contains.

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Color

CIELCh(93, 19.407, 83.178)

Conversions

Conversions Part 1

Format	Color
Hex	FEE8C6
RGB	254, 232, 198
RGB Percent	100%, 91%, 78%
CMY	0.0034, 0.0897, 0.2230
CMYK	0.00, 0.09, 0.22, 0.00
HSL	36°, 97%, 89%
HSV	36°, 22%, 100%
XYZ	80.0241, 82.9670, 65.3006
YIQ	234.7020, 24.0260, -5.9100

Conversions

Conversions Part 2

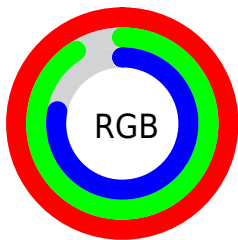
Format	Color
RYB	234, 254, 198
Decimal	16705734
CIELab	93.00, 2.31, 19.27
CIElCh	93, 19.407, 83.178
Yxy	82.9670, 0.3505, 0.3634
Android (android.graphics.Color)	4294895814 (0xFFFE8C6)
YUV	234.7020, -18.0941, 16.9243
Hunter-Lab	91.0862, -2.5791, 21.2548

Details

The CIELCh color **93, 19.407, 83.178** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 18.982, 269.388**, 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, 19.345, 82.271** is the 20% darker color. If you saturate the color by 10%, you get **90, 28.631, 81.825**, and if you desaturate by 10%, it is **96, 10.441, 84.500**.

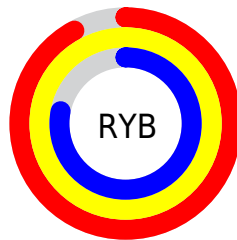
Distribution



Red (100%)

Green (91%)

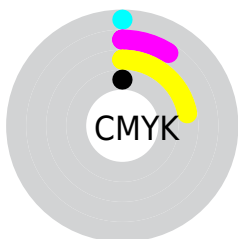
Blue (78%)



Red (92%)

Yellow (100%)

Blue (78%)

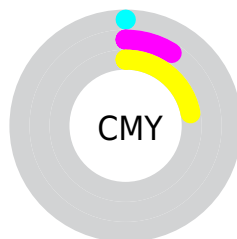


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 19.407, 83.178 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, 19.407, 83.178 by changing the saturation by 10% instead.

 93, 19.407, 83.178

 93, 19.407, 83.178

 100, 19.407,
83.178

 83, 19.407, 83.178

 73, 19.407, 83.178

 63, 19.407, 83.178

 53, 19.407, 83.178

 43, 19.407, 83.178

 33, 19.407, 83.178

 23, 19.407, 83.178

 13, 19.407, 83.178

 3, 19.407, 83.178

93, 19.407, 83.178

93, 19.407, 83.178

90, 28.631, 81.825

96, 10.441, 84.500

87, 38.078, 80.423

99, 1.733, 85.622

84, 47.658, 78.977

100, 0.300,
201.595

82, 57.174, 77.464

79, 66.236, 75.830

77, 74.144, 73.954

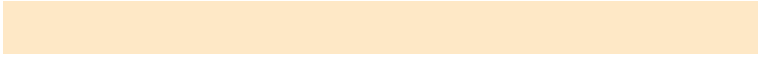
74, 79.876, 71.619

72, 82.600, 69.348

Harmonies

Complementary

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



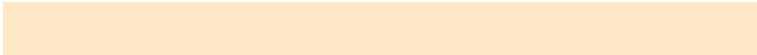
93, 19.407, 83.178



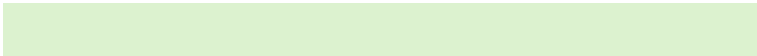
87, 18.982, 269.388

Rectangle

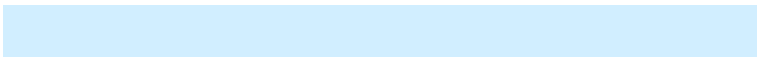
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 19.407, 83.178



93, 19.407, 133.178



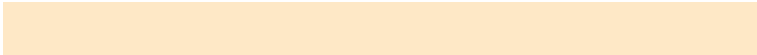
93, 19.407, 263.178



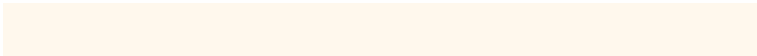
93, 19.407, 313.178

Sweetspot

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



93, 19.408, 83.187



98, 6.039, 85.129



85, 23.559, 351.583



52, 3.928, 85.056



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, 19.408, 83.187



92, 23.097, 82.651



98, 28.349, 112.293



52, 4.925, 84.821



56, 66.636, 69.975



18, 27.441, 72.581

Inverse Universe

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



87, 18.982, 269.388



85, 22.488, 270.112



82, 29.836, 296.230



50, 4.890, 267.397



36, 71.482, 293.017



10, 28.705, 287.362

Previews

White Background



This preview shows how the CIE LCh color 93, 19.407, 83.178 looks on a white background.

Color Contrast Check

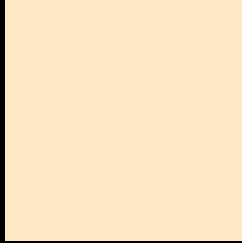
Large Text (above 18pt) WCAG AA × Fail

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, 19.407, 83.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

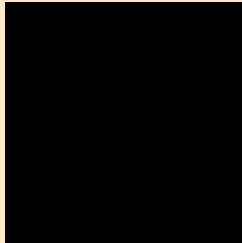
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 19.407, 83.178

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.407, 83.178.



This preview shows how white text looks on a background with the CIELCh color 93, 19.407, 83.178.

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, 19.407, 83.178

Protanopia

93, 18.629, 93.410

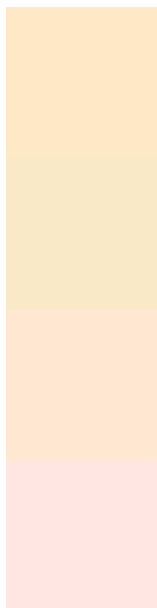
Deuteranopia

93, 11.756, 57.476



Tritanopia
93, 12.051, 343.511

Trichromacy



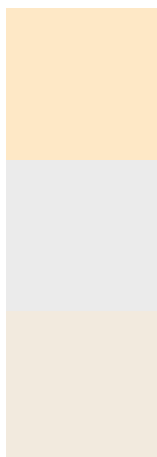
Original Color
93, 19.407, 83.178

Protanomaly
93, 18.627, 88.507

Deuteranomaly
93, 14.072, 69.597

Tritanomaly
93, 9.356, 32.603

Monochromacy



Original Color
93, 19.407, 83.178

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, 19.407, 83.178 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, 232, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 232, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.407, 83.178 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, 232, 198) }
```

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

```
.border{ border-color:rgb(254, 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(254, 232, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.407, 83.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 232, 198) }
```

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

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