

Converting Colors

CIELCh(93, 16.850, 78.035)

Have a look what the booklet for
CIELCh(93, 16.850, 78.035) contains.

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Color

CIELCh(93, 16.641, 79.060)

Conversions

Conversions Part 1

Format	Color
Hex	FEE8CC
RGB	254, 232, 204
RGB Percent	100%, 91%, 80%
CMY	0.0048, 0.0910, 0.2008
CMYK	0.00, 0.09, 0.20, 0.00
HSL	34°, 95%, 90%
HSV	34°, 20%, 100%
XYZ	80.4586, 82.9670, 68.7646
YIQ	235.3860, 22.1000, -4.0440

Conversions

Conversions Part 2

Format	Color
R _Y B	243, 254, 204
Decimal	16705740
CIE Lab	93.00, 3.16, 16.34
CIE LCh	93, 16.641, 79.060
Yxy	82.9670, 0.3465, 0.3573
Android (android.graphics.Color)	4294895820 (0xFFFE8CC)
YUV	235.3860, -15.4733, 16.3245
Hunter-Lab	91.0862, -1.7277, 19.0000

Details

The CIELCh color **93, 16.641, 79.060** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.098, 264.560**, 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, 16.449, 77.889** is the 20% darker color. If you saturate the color by 10%, you get **90, 25.564, 77.736**, and if you desaturate by 10%, it is **96, 8.040, 80.355**.

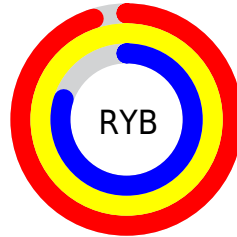
Distribution



Red (100%)

Green (91%)

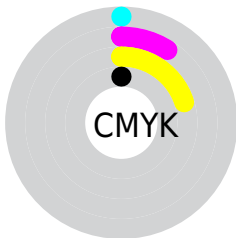
Blue (80%)



Red (95%)

Yellow (100%)

Blue (80%)

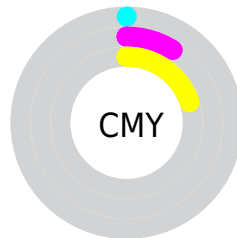


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 16.641, 79.060 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, 16.641, 79.060 by changing the saturation by 10% instead.

 93, 16.641, 79.060

 93, 16.641, 79.060

 100, 16.641,
79.060

 83, 16.641, 79.060

 73, 16.641, 79.060

 63, 16.641, 79.060

 53, 16.641, 79.060

 43, 16.641, 79.060

 33, 16.641, 79.060

 23, 16.641, 79.060

 13, 16.641, 79.060

 3, 16.641, 79.060

93, 16.641, 79.060

93, 16.641, 79.060

90, 25.564, 77.736

96, 8.040, 80.355

87, 34.799, 76.369

100, 0.255,
263.177

83, 44.292, 74.967

100, 0.425,
200.937

81, 53.905, 73.514

78, 63.336, 71.957

75, 71.997, 70.182

72, 78.912, 67.965

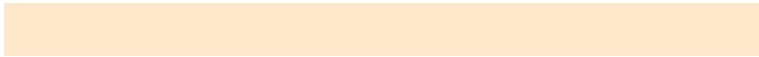
70, 83.281, 65.086

70, 83.403, 64.999

Harmonies

Complementary

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



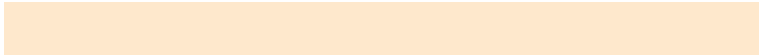
93, 16.641, 79.060



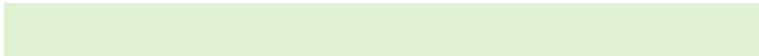
89, 16.098, 264.560

Rectangle

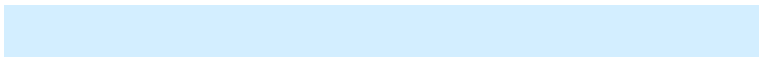
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 16.641, 79.060



93, 16.641, 129.060



93, 16.641, 259.060



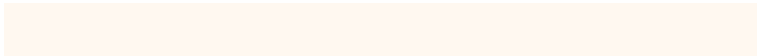
93, 16.641, 309.060

Sweetspot

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



93, 16.642, 79.070



98, 4.956, 80.800



87, 21.591, 348.258



52, 3.292, 80.724



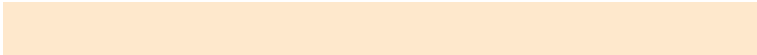
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



93, 16.642, 79.070



92, 20.521, 78.500



98, 25.277, 110.378



51, 4.730, 80.379



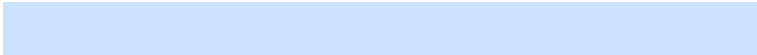
54, 67.279, 65.670



17, 27.130, 67.873

Inverse Universe

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



89, 16.098, 264.560



87, 19.686, 265.325



84, 26.464, 294.192



50, 4.666, 262.969



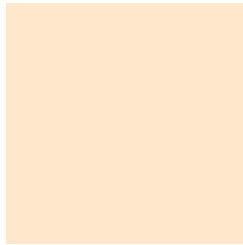
38, 65.574, 289.529



11, 26.439, 283.470

Previews

White Background



This preview shows how the CIE LCh color 93, 16.641, 79.060 looks on a white background.

Color Contrast Check

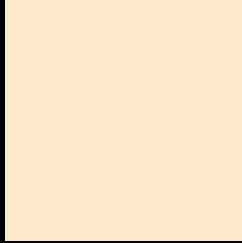
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 16.641, 79.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

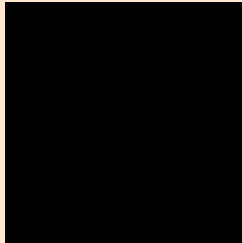
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 16.641, 79.060

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.641, 79.060.

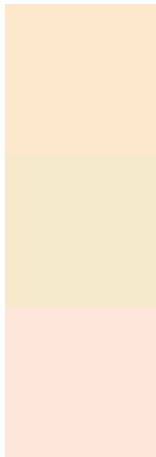


This preview shows how white text looks on a background with the CIELCh color 93, 16.641, 79.060.

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, 16.641, 79.060

Protanopia

93, 15.555, 92.160

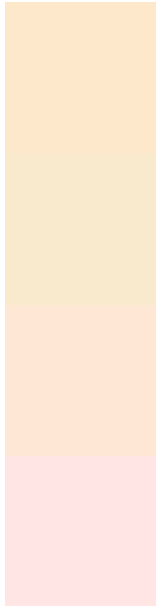
Deuteranopia

93, 11.126, 53.440



Tritanopia
93, 12.051, 343.511

Trichromacy



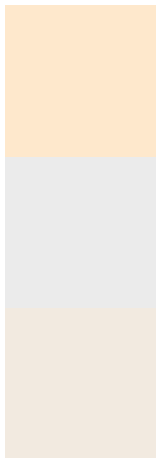
Original Color
93, 16.641, 79.060

Protanomaly
93, 15.597, 86.337

Deuteranomaly
93, 12.889, 65.458

Tritanomaly
93, 9.477, 23.095

Monochromacy



Original Color
93, 16.641, 79.060

Achromatopsia
93, 0.011, 296.813

Achromatomaly
93, 5.884, 80.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.641, 79.060 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 232, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 232, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.641, 79.060 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, 204) }
```

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

```
.border{ border-color:rgb(254, 232, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 232,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.641, 79.060 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, 204) }
```

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

```
.background{ background-color: rgb(254,  
232, 204) }
```

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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