

Converting Colors

CIELCh(95, 16.397, 88.855)

Have a look what the booklet for
CIELCh(95, 16.397, 88.855) contains.

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Color

CIELCh(95, 16.339, 88.856)

Conversions

Conversions Part 1

Format	Color
Hex	FEEFD1
RGB	254, 239, 209
RGB Percent	100%, 94%, 82%
CMY	0.0029, 0.0617, 0.1794
CMYK	0.00, 0.06, 0.18, 0.00
HSL	40°, 97%, 91%
HSV	40°, 18%, 100%
XYZ	83.4491, 87.6183, 72.9976
YIQ	240.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

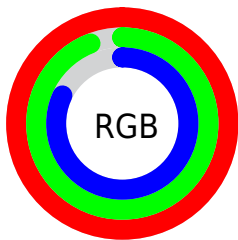
Format	Color
RYB	232, 254, 209
Decimal	16707537
CIELab	95.00, 0.33, 16.34
CIELCh	95, 16.339, 88.856
Yxy	87.6183, 0.3419, 0.3590
Android (android.graphics.Color)	4294897617 (0xFFFEED1)
YUV	240.0650, -15.3150, 12.2210
Hunter-Lab	93.6047, -4.6745, 19.2860

Details

The CIELCh color **95, 16.339, 88.856** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.282, 273.646**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.054, 88.426** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.841, 87.540**, and if you desaturate by 10%, it is **98, 7.027, 90.131**.

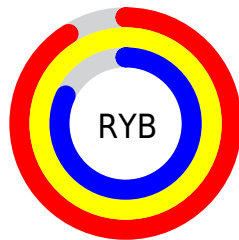
Distribution



Red (100%)

Green (94%)

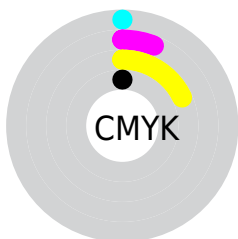
Blue (82%)



Red (91%)

Yellow (100%)

Blue (82%)

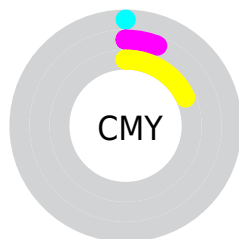


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 16.339, 88.856 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 95, 16.339, 88.856 by changing the saturation by 10% instead.

 95, 16.339, 88.856

 95, 16.339, 88.856

 100, 16.339,
88.856

 85, 16.339, 88.856

 75, 16.339, 88.856

 65, 16.339, 88.856

 55, 16.339, 88.856

 45, 16.339, 88.856

 35, 16.339, 88.856

 25, 16.339, 88.856

 15, 16.339, 88.856

 5, 16.339, 88.856

95, 16.339, 88.856

95, 16.339, 88.856

92, 25.841, 87.540

98, 7.027, 90.131

90, 35.493, 86.171

100, 0.257,
201.973

87, 45.212, 84.759

85, 54.821, 83.295

83, 63.988, 81.750

80, 72.123, 80.055

78, 78.335, 78.077

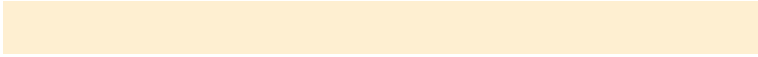
76, 81.755, 75.629

76, 82.329, 75.034

Harmonies

Complementary

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



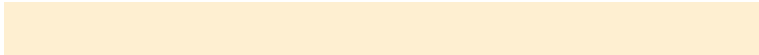
95, 16.339, 88.856



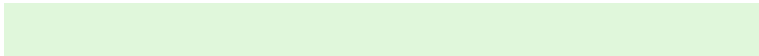
89, 16.282, 273.646

Rectangle

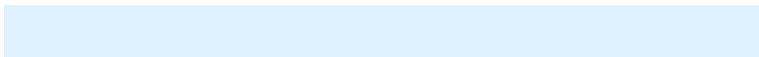
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 16.339, 88.856



95, 16.339, 138.856



95, 16.339, 268.856



95, 16.339, 318.856

Sweetspot

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



95, 16.340, 88.865



99, 4.556, 90.449



88, 18.173, 355.444



52, 3.111, 90.368



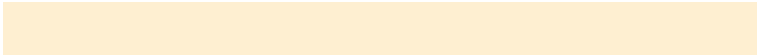
0, 0.000, 0.000



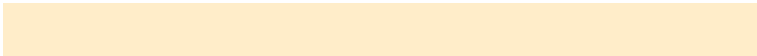
53, 0.007, 296.813

Same Dimension

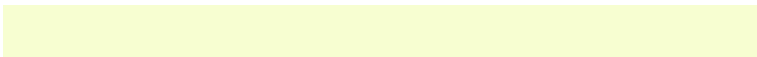
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 16.340, 88.865



94, 19.500, 88.433



98, 22.944, 115.413



52, 5.211, 89.909



58, 66.475, 75.576



19, 28.096, 78.345

Inverse Universe

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



89, 16.282, 273.646



87, 19.410, 274.190



86, 23.858, 298.153



50, 5.210, 272.420



33, 78.998, 296.695



8, 31.689, 291.558

Previews

White Background



This preview shows how the CIE LCh color 95, 16.339, 88.856 looks on a white background.

Color Contrast Check

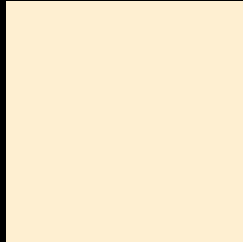
Large Text (above 18pt) WCAG AA × Fail

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 95, 16.339, 88.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

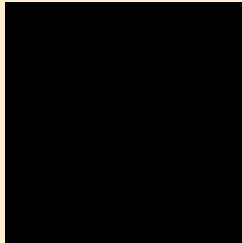
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 16.339, 88.856

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.339, 88.856.



This preview shows how white text looks on a background with the CIELCh color 95, 16.339, 88.856.

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
95, 16.339, 88.856

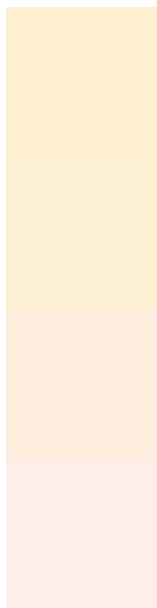
Protanopia
95, 15.971, 92.675

Deuteranopia
95, 7.707, 51.734



Tritanopia
95, 10.113, 334.785

Trichromacy



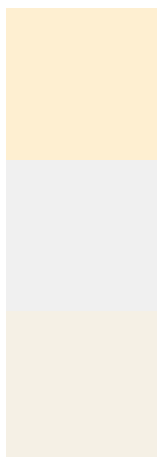
Original Color
95, 16.339, 88.856

Protanomaly
95, 16.081, 91.387

Deuteranomaly
95, 10.292, 72.147

Tritanomaly
95, 6.555, 28.706

Monochromacy



Original Color
95, 16.339, 88.856

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.896, 91.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.339, 88.856 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, 239, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 239, 209)  
}
```

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, 239, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 239, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.339, 88.856 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, 239, 209) }
```

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

```
.border{ border-color:rgb(254, 239, 209) }
```

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

Here you see how a box with a 4 pixel rgb(254, 239, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 239, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 239, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 239,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.339, 88.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 239, 209) }
```

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

```
.background{ background-color: rgb(254,  
239, 209) }
```

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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