

Converting Colors

CIE LCh(95, 17.121, 86.126)

Have a look what the booklet for
CIELCh(95, 17.121, 86.126) contains.

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Color

CIELCh(95, 16.955, 88.183)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD0
RGB	255, 239, 208
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0624, 0.1840
CMYK	0.00, 0.06, 0.18, 0.00
HSL	40°, 100%, 91%
HSV	40°, 18%, 100%
XYZ	83.5596, 87.6183, 72.2362
YIQ	240.2500, 19.4870, -6.2490

Conversions

Conversions Part 2

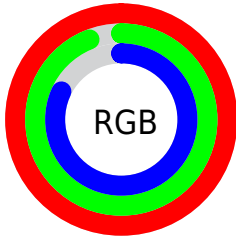
Format	Color
R _Y B	232, 255, 208
Decimal	16773072
CIE Lab	95.00, 0.54, 16.95
CIE LCh	95, 16.955, 88.183
Yxy	87.6183, 0.3433, 0.3600
Android (android.graphics.Color)	4294963152 (0xFFFFEFD0)
YUV	240.2500, -15.8992, 12.9358
Hunter-Lab	93.6047, -4.4636, 19.7682

Details

The CIELCh color **95, 16.955, 88.183** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **89, 16.858, 273.297**, 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, 16.704, 87.687** is the 20% darker color. If you saturate the color by 10%, you get **92, 26.439, 86.967**, and if you desaturate by 10%, it is **98, 7.643, 89.573**.

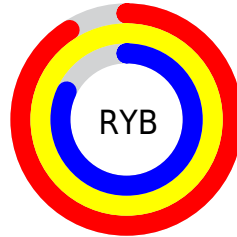
Distribution



Red (100%)

Green (94%)

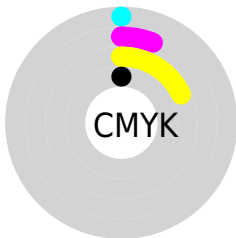
Blue (82%)



Red (91%)

Yellow (100%)

Blue (82%)

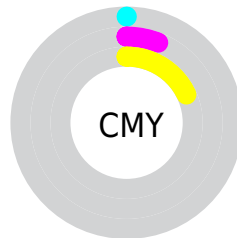


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 16.955, 88.183 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, 16.955, 88.183 by changing the saturation by 10% instead.

 95, 16.955, 88.183

 95, 16.955, 88.183

 100, 16.955,
88.183

 85, 16.955, 88.183

 75, 16.955, 88.183

 65, 16.955, 88.183

 55, 16.955, 88.183

 45, 16.955, 88.183

 35, 16.955, 88.183

 25, 16.955, 88.183

 15, 16.955, 88.183

 5, 16.955, 88.183

95, 16.955, 88.183

95, 16.955, 88.183

92, 26.439, 86.967

98, 7.643, 89.573

90, 36.091, 85.591

100, 0.012,
296.813

87, 45.812, 84.172

85, 55.421, 82.699

83, 64.572, 81.140

80, 72.657, 79.420

78, 78.764, 77.397

76, 82.083, 74.887

76, 82.498, 74.467

Harmonies

Complementary

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



95, 16.955, 88.183



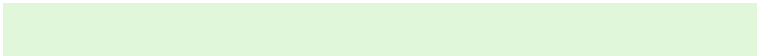
89, 16.858, 273.297

Rectangle

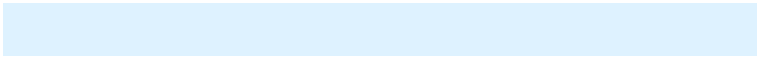
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 16.955, 88.183



95, 16.955, 138.183



95, 16.955, 268.183



95, 16.955, 318.183

Sweetspot

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



95, 16.944, 88.299



98, 5.443, 89.861



88, 19.113, 354.407



52, 3.614, 89.784



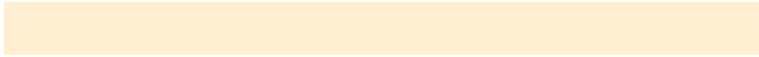
0, 0.000, 0.000



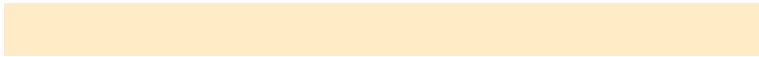
53, 0.007, 296.813

Same Dimension

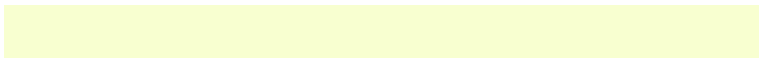
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 16.944, 88.299



94, 20.343, 87.824



98, 23.860, 114.674



52, 5.182, 89.436



58, 66.458, 75.025



19, 28.019, 77.793

Inverse Universe

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



89, 16.858, 273.297



87, 20.212, 273.901



85, 24.861, 297.621



50, 5.177, 271.955



33, 78.266, 296.367



8, 31.392, 291.179

Previews

White Background



This preview shows how the CIE LCh color 95, 16.955, 88.183 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, 16.955, 88.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

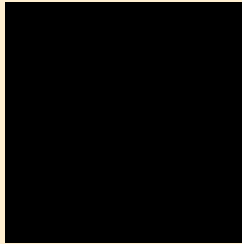
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 16.955, 88.183

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.955, 88.183.



This preview shows how white text looks on a background with the CIELCh color 95, 16.955, 88.183.

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, 16.955, 88.183

Protanopia

95, 16.463, 93.111

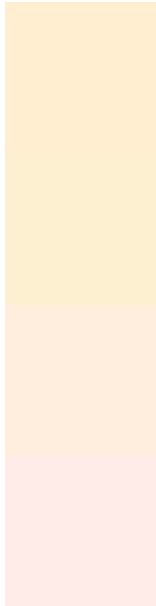
Deuteranopia

95, 7.707, 51.734



Tritanopia
95, 9.757, 336.903

Trichromacy



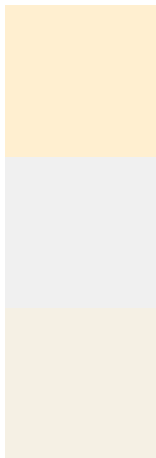
Original Color
95, 16.955, 88.183

Protanomaly
95, 16.570, 91.857

Deuteranomaly
95, 10.710, 73.734

Tritanomaly
95, 7.025, 32.374

Monochromacy



Original Color
95, 16.955, 88.183

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.387, 93.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 16.955, 88.183 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, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 208)  
}
```

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, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.955, 88.183 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, 239, 208) }
```

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

```
.border{ border-color:rgb(255, 239, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.955, 88.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 208) }
```

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

```
.background{ background-color: rgb(255,  
239, 208) }
```

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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