

Converting Colors

CIELCh(100, 32.861, 48.051)

Have a look what the booklet for
CIELCh(100, 32.861, 48.051)
contains.

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Color

CIELCh(95, 16.156, 85.774)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD2
RGB	255, 239, 210
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0638, 0.1776
CMYK	0.00, 0.06, 0.18, 0.00
HSL	38°, 100%, 91%
HSV	38°, 18%, 100%
XYZ	83.9018, 87.6183, 73.2778
YIQ	240.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

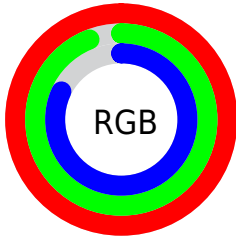
Format	Color
RYB	235, 255, 210
Decimal	16773074
CIELab	95.00, 1.19, 16.11
CIElCh	95, 16.156, 85.774
Yxy	87.6183, 0.3427, 0.3579
Android (android.graphics.Color)	4294963154 (0xFFFFEFD2)
YUV	240.4780, -15.0257, 12.7358
Hunter-Lab	93.6047, -3.8111, 19.1085

Details

The CIELCh color **95, 16.156, 85.774** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.898, 271.565**, 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, 16.200, 87.095** is the 20% darker color. If you saturate the color by 10%, you get **92, 25.395, 85.373**, and if you desaturate by 10%, it is **98, 6.918, 87.988**.

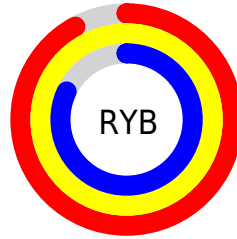
Distribution



Red (100%)

Green (94%)

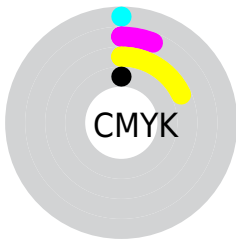
Blue (82%)



Red (92%)

Yellow (100%)

Blue (82%)

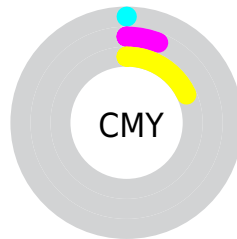


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 16.156, 85.774 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, 16.156, 85.774 by changing the saturation by 10% instead.

 95, 16.156, 85.774

 95, 16.156, 85.774

 100, 16.156,
85.774

 85, 16.156, 85.774

 75, 16.156, 85.774

 65, 16.156, 85.774

 55, 16.156, 85.774

 45, 16.156, 85.774

 35, 16.156, 85.774

 25, 16.156, 85.774

 15, 16.156, 85.774

 5, 16.156, 85.774

95, 16.156, 85.774

95, 16.156, 85.774

92, 25.395, 85.373

98, 6.918, 87.988

89, 34.934, 83.992

100, 0.012,
296.813

87, 44.589, 82.567

84, 54.197, 81.088

82, 63.440, 79.521

79, 71.741, 77.787

77, 78.198, 75.738

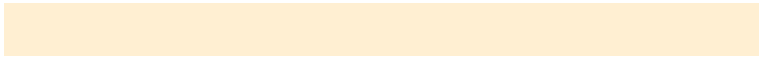
75, 81.895, 73.158

75, 82.525, 72.546

Harmonies

Complementary

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



95, 16.156, 85.774



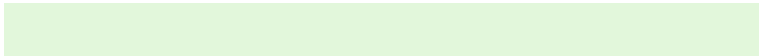
90, 15.898, 271.565

Rectangle

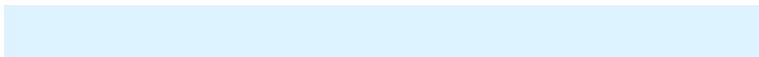
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 16.156, 85.774



95, 16.156, 135.774



95, 16.156, 265.774



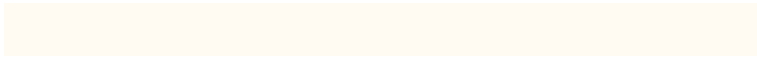
95, 16.156, 315.774

Sweetspot

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



95, 16.047, 86.711



99, 4.440, 88.314



88, 18.590, 353.237



52, 3.033, 88.233



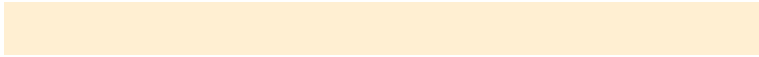
0, 0.000, 0.000



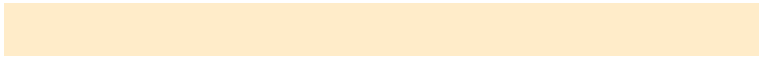
53, 0.007, 296.813

Same Dimension

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



95, 16.047, 86.711



94, 19.054, 86.283



99, 23.002, 114.033



52, 5.082, 87.772



57, 66.453, 73.134



19, 27.777, 75.877

Inverse Universe

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



90, 15.898, 271.565



88, 18.838, 272.106



86, 23.940, 296.960



50, 5.066, 270.316



34, 75.744, 295.191



9, 30.381, 289.827

Previews

White Background



This preview shows how the CIE LCh color 95, 16.156, 85.774 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, 16.156, 85.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

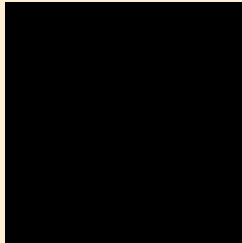
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 16.156, 85.774

Background



This preview shows how black text looks on a background with the CIELCh color 95, 16.156, 85.774.

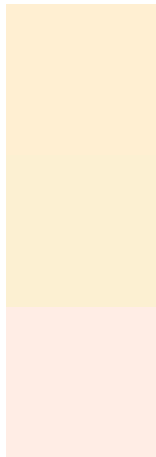


This preview shows how white text looks on a background with the CIELCh color 95, 16.156, 85.774.

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, 15.995, 87.025

Protanopia

95, 15.971, 92.675

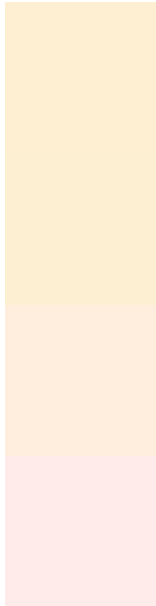
Deuteranopia

95, 7.707, 51.734



Tritanopia
95, 9.757, 336.903

Trichromacy



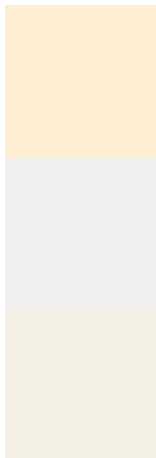
Original Color
95, 15.995, 87.025

Protanomaly
95, 16.081, 91.387

Deuteranomaly
95, 10.292, 72.147

Tritanomaly
95, 6.922, 28.263

Monochromacy



Original Color
95, 15.995, 87.025

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, 16.156, 85.774 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 16.156, 85.774 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, 210) }
```

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

```
.border{ border-color:rgb(255, 239, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 16.156, 85.774 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
239, 210) }
```

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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