

Converting Colors

CIELCh(96, 18.746, 68.267)

Have a look what the booklet for
CIELCh(96, 18.746, 68.267) contains.

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Color

CIELCh(95, 15.683, 85.108)

Conversions

Conversions Part 1

Format	Color
Hex	FFEFD3
RGB	255, 239, 211
RGB Percent	100%, 94%, 83%
CMY	0.0000, 0.0640, 0.1739
CMYK	0.00, 0.06, 0.17, 0.00
HSL	38°, 100%, 91%
HSV	38°, 17%, 100%
XYZ	83.9789, 87.6183, 73.8893
YIQ	240.5920, 18.5240, -5.3160

Conversions

Conversions Part 2

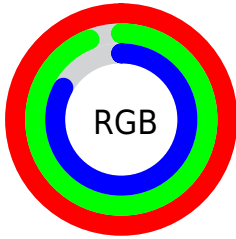
Format	Color
R _Y B	236, 255, 211
Decimal	16773075
CIE Lab	95.00, 1.34, 15.63
CIE LCh	95, 15.683, 85.108
Yxy	87.6183, 0.3421, 0.3569
Android (android.graphics.Color)	4294963155 (0xFFFFEFD3)
YUV	240.5920, -14.5889, 12.6358
Hunter-Lab	93.6047, -3.6640, 18.7211

Details

The CIELCh color **95, 15.683, 85.108** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **90, 15.409, 270.751**, 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, 15.698, 86.461** is the 20% darker color. If you saturate the color by 10%, you get **92, 24.862, 84.650**, and if you desaturate by 10%, it is **98, 6.528, 87.265**.

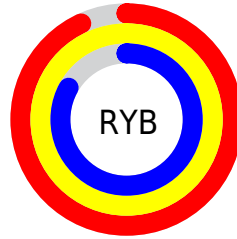
Distribution



Red (100%)

Green (94%)

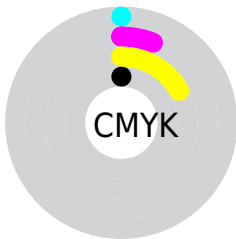
Blue (83%)



Red (93%)

Yellow (100%)

Blue (83%)

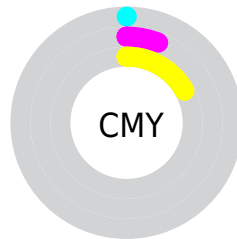


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 15.683, 85.108 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, 15.683, 85.108 by changing the saturation by 10% instead.

 95, 15.683, 85.108

 95, 15.683, 85.108

 100, 15.683,
85.108

 85, 15.683, 85.108

 75, 15.683, 85.108

 65, 15.683, 85.108

 55, 15.683, 85.108

 45, 15.683, 85.108

 35, 15.683, 85.108

 25, 15.683, 85.108

 15, 15.683, 85.108

 5, 15.683, 85.108

95, 15.683, 85.108

95, 15.683, 85.108

92, 24.862, 84.650

98, 6.528, 87.265

89, 34.350, 83.268

100, 0.012,
296.813

87, 43.976, 81.843

84, 53.586, 80.364

82, 62.874, 78.797

79, 71.281, 77.063

77, 77.916, 75.010

75, 81.813, 72.412

74, 82.572, 71.686

Harmonies

Complementary

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



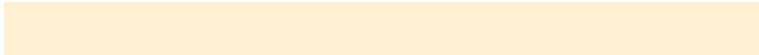
95, 15.683, 85.108



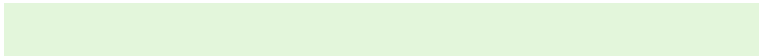
90, 15.409, 270.751

Rectangle

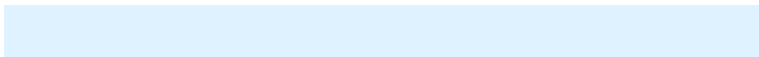
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 15.683, 85.108



95, 15.683, 135.108



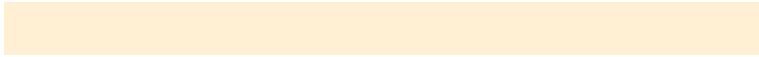
95, 15.683, 265.108



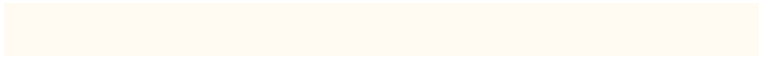
95, 15.683, 315.108

Sweetspot

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



95, 15.580, 85.989



99, 4.401, 87.546



89, 18.358, 352.119



52, 3.006, 87.465



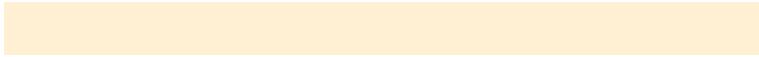
0, 0.000, 0.000



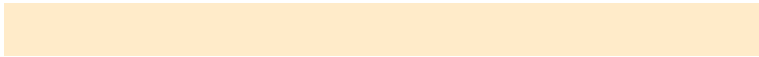
53, 0.007, 296.813

Same Dimension

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



95, 15.580, 85.989



94, 18.906, 85.511



99, 22.498, 113.372



52, 5.039, 87.003



57, 66.478, 72.288



18, 27.678, 75.006

Inverse Universe

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



90, 15.409, 270.751



88, 18.645, 271.354



86, 23.403, 296.322



50, 5.018, 269.558



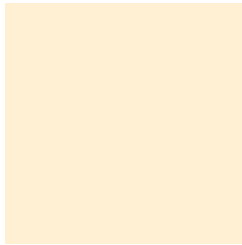
34, 74.608, 294.635



9, 29.930, 289.194

Previews

White Background



This preview shows how the CIE LCh color 95, 15.683, 85.108 looks on a white background.

Color Contrast Check

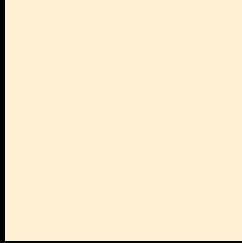
Large Text (above 18pt) WCAG AA × Fail

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, 15.683, 85.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

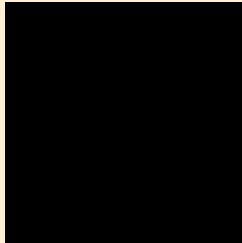
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 15.683, 85.108

Background



This preview shows how black text looks on a background with the CIELCh color 95, 15.683, 85.108.

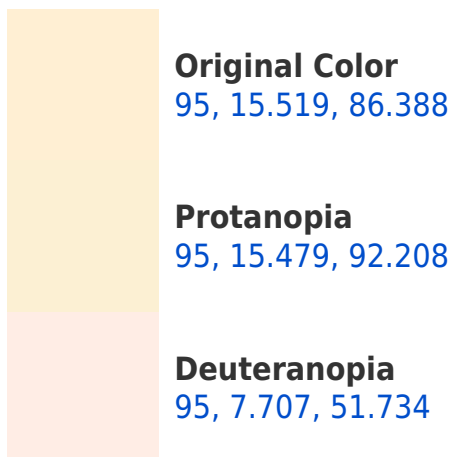


This preview shows how white text looks on a background with the CIELCh color 95, 15.683, 85.108.

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](#).

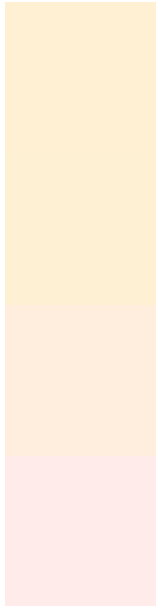
Dichromacy





Tritanopia
95, 9.757, 336.903

Trichromacy



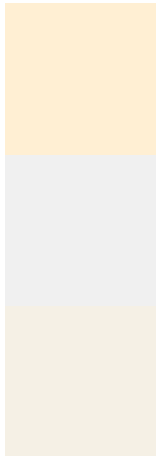
Original Color
95, 15.519, 86.388

Protanomaly
95, 15.592, 90.885

Deuteranomaly
95, 10.292, 72.147

Tritanomaly
95, 6.922, 28.263

Monochromacy



Original Color
95, 15.519, 86.388

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, 15.683, 85.108 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 15.683, 85.108 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, 211) }
```

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

```
.border{ border-color:rgb(255, 239, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 15.683, 85.108 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
239, 211) }
```

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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