

Converting Colors

CIELCh(95, 8.806, 100.736)

Have a look what the booklet for
CIELCh(95, 8.806, 100.736) contains.

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Color

CIELCh(95, 8.805, 99.981)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1E0
RGB	245, 241, 224
RGB Percent	96%, 95%, 88%
CMY	0.0396, 0.0553, 0.1220
CMYK	0.00, 0.02, 0.09, 0.04
HSL	49°, 51%, 92%
HSV	49°, 9%, 96%
XYZ	82.4842, 87.6183, 83.0118
YIQ	240.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

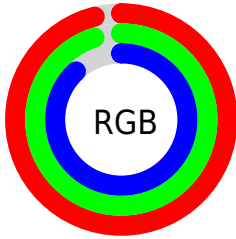
Format	Color
R_{YB}	229, 245, 224
Decimal	16118240
CIE Lab	95.00, -1.53, 8.67
CIE LCh	95, 8.805, 99.981
Yxy	87.6183, 0.3259, 0.3462
Android (android.graphics.Color)	4294308320 (0xFFFF5F1E0)
YUV	240.2580, -8.0152, 4.1587
Hunter-Lab	93.6047, -6.5143, 12.9429

Details

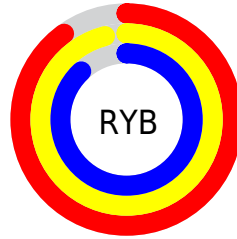
The CIELCh color **95, 8.805, 99.981** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 8.908, 282.021**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 8.725, 99.196** is the 20% darker color. If you saturate the color by 10%, you get **93, 19.153, 98.841**, and if you desaturate by 10%, it is **97, 1.471, 281.261**.

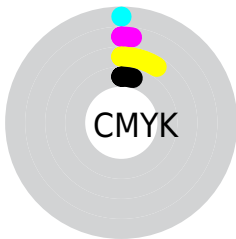
Distribution



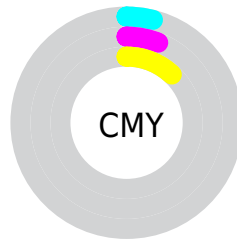
- Red (96%)
- Green (95%)
- Blue (88%)



- Red (90%)
- Yellow (96%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.805, 99.981 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, 8.805, 99.981 by changing the saturation by 10% instead.



95, 8.805, 99.981

95, 8.805, 99.981

93, 19.153, 98.841

97, 1.471, 281.261

92, 29.523, 97.651

98, 3.037, 253.092

90, 39.835, 96.435

99, 3.450, 200.409

89, 49.943, 95.204

99, 3.493, 199.373

87, 59.597, 93.963

86, 68.380, 92.712

84, 75.661, 91.437

83, 80.656, 90.099

82, 82.897, 88.639

Harmonies

Complementary

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



95, 8.805, 99.981



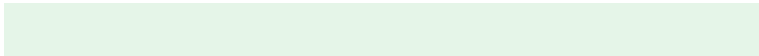
91, 8.908, 282.021

Rectangle

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



95, 8.805, 99.981



95, 8.805, 149.981



95, 8.805, 279.981



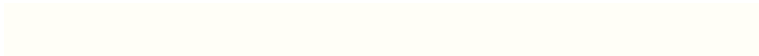
95, 8.805, 329.981

Sweetspot

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



95, 8.807, 99.994



99, 3.170, 100.589



91, 7.904, 3.981



53, 2.405, 100.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

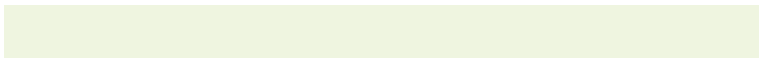
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.807, 99.994



98, 10.621, 99.831



96, 10.980, 121.316



50, 5.838, 99.892



64, 67.755, 88.707



20, 28.371, 90.896

Inverse Universe

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



91, 8.908, 282.021



93, 10.757, 282.204



90, 11.173, 302.307



48, 5.910, 282.135



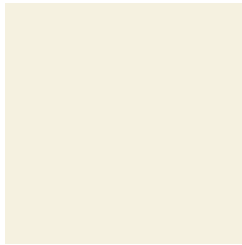
26, 93.392, 302.764



5, 34.625, 296.175

Previews

White Background



This preview shows how the CIE LCh color 95, 8.805, 99.981 looks on a white background.

Color Contrast Check

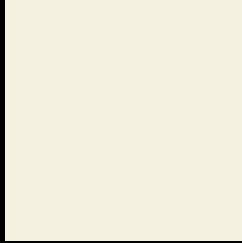
Large Text (above 18pt) WCAG AA × Fail

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 95, 8.805, 99.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

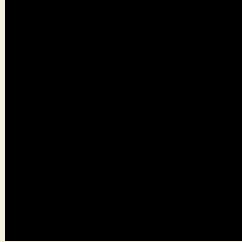
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

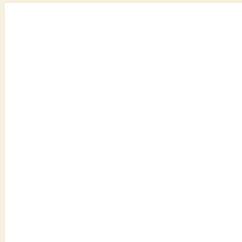
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 8.805, 99.981

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.805, 99.981.

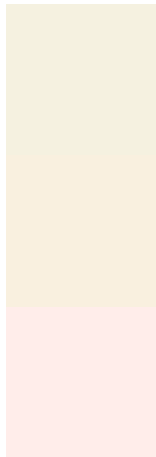


This preview shows how white text looks on a background with the CIELCh color 95, 8.805, 99.981.

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, 8.805, 99.981

Protanopia

95, 9.281, 88.740

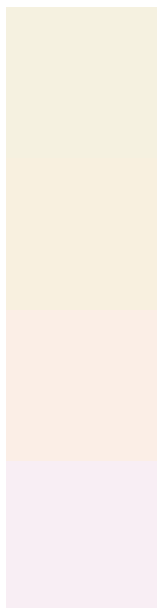
Deuteranopia

95, 6.662, 33.035



Tritanopia
95, 10.819, 315.524

Trichromacy



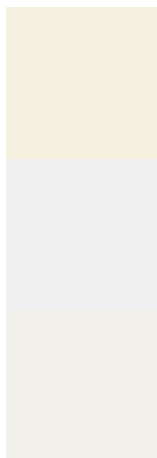
Original Color
95, 8.805, 99.981

Protanomaly
95, 9.159, 90.893

Deuteranomaly
95, 6.219, 60.683

Tritanomaly
95, 4.717, 338.842

Monochromacy



Original Color
95, 8.805, 99.981

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.141, 96.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.805, 99.981 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(245, 241, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 224)  
}
```

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(245, 241, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.805, 99.981 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(245, 241, 224) }
```

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

```
.border{ border-color:rgb(245, 241, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.805, 99.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 224) }
```

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

```
.background{ background-color: rgb(245,  
241, 224) }
```

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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