

Converting Colors

CIELCh(96, 16.897, 68.382)

Have a look what the booklet for
CIELCh(96, 16.897, 68.382) contains.

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Color

CIELCh(95, 13.817, 81.962)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFEED6 |
| RGB | 255, 238, 214 |
| RGB Percent | 100%, 93%, 84% |
| CMY | 0.0000, 0.0650, 0.1591 |
| CMYK | 0.00, 0.06, 0.16, 0.00 |
| HSL | 36°, 100%, 92% |
| HSV | 36°, 16%, 100% |
| XYZ | 84.2915, 87.6183, 76.3692 |
| YIQ | 240.3470, 17.8360, -3.8600 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 255, 214 |
| Decimal | 16772822 |
| CIE Lab | 95.00, 1.93, 13.68 |
| CIE LCh | 95, 13.817, 81.962 |
| Yxy | 87.6183, 0.3395, 0.3529 |
| Android (android.graphics.Color) | 4294962902 (0xFFFFEED6) |
| YUV | 240.3470, -12.9891, 12.8507 |
| Hunter-Lab | 93.6047, -3.0679, 17.1504 |

Details

The CIELCh color **95, 13.817, 81.962** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91, 13.491, 266.955**, 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, 13.909, 81.933** is the 20% darker color. If you saturate the color by 10%, you get **92, 22.746, 81.249**, and if you desaturate by 10%, it is **98, 5.020, 83.841**.

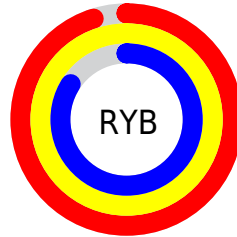
Distribution



Red (100%)

Green (93%)

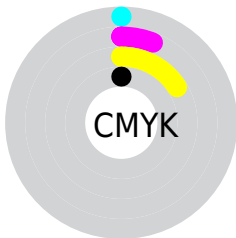
Blue (84%)



Red (95%)

Yellow (100%)

Blue (84%)



Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 13.817, 81.962 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, 13.817, 81.962 by changing the saturation by 10% instead.

 95, 13.817, 81.962

 95, 13.817, 81.962

 100, 13.817,
81.962

 85, 13.817, 81.962

 75, 13.817, 81.962

 65, 13.817, 81.962

 55, 13.817, 81.962

 45, 13.817, 81.962

 35, 13.817, 81.962

 25, 13.817, 81.962

 15, 13.817, 81.962

 5, 13.817, 81.962

95, 13.817, 81.962

95, 13.817, 81.962

92, 22.746, 81.249

98, 5.020, 83.841

89, 32.020, 79.875

100, 0.012,
296.813

86, 41.522, 78.462

83, 51.134, 77.001

80, 60.608, 75.457

78, 69.454, 73.751

75, 76.833, 71.720

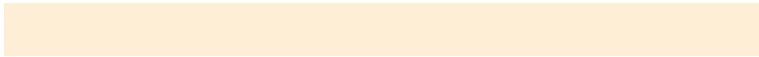
73, 81.662, 69.097

72, 83.047, 67.894

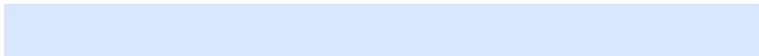
Harmonies

Complementary

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



95, 13.817, 81.962



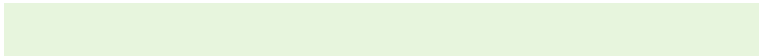
91, 13.491, 266.955

Rectangle

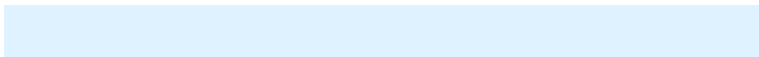
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 13.817, 81.962



95, 13.817, 131.962



95, 13.817, 261.962



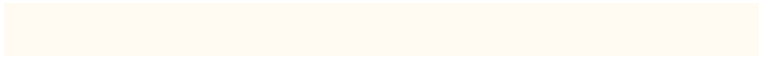
95, 13.817, 311.962

Sweetspot

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



95, 13.743, 82.582



98, 4.237, 83.944



90, 17.088, 349.870



52, 2.895, 83.865



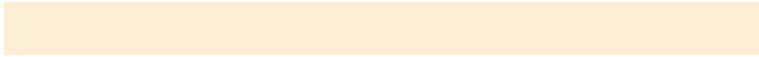
0, 0.000, 0.000



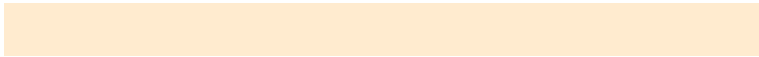
53, 0.007, 296.813

Same Dimension

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



95, 13.743, 82.582



94, 16.492, 82.175



99, 20.558, 112.109



52, 4.858, 83.404



55, 66.799, 68.545



18, 27.318, 71.046

Inverse Universe

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



91, 13.491, 266.955



89, 16.119, 267.461



87, 21.320, 294.960



50, 4.813, 265.990



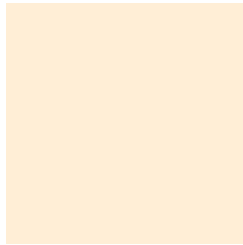
36, 69.532, 291.934



10, 27.950, 286.145

Previews

White Background



This preview shows how the CIE LCh color 95, 13.817, 81.962 looks on a white background.

Color Contrast Check

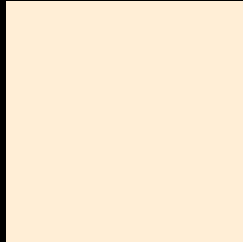
Large Text (above 18pt) WCAG AA × Fail

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, 13.817, 81.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

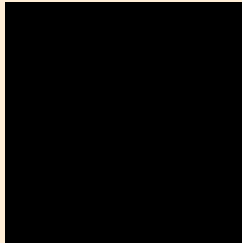
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 13.817, 81.962

Background



This preview shows how black text looks on a background with the CIELCh color 95, 13.817, 81.962.

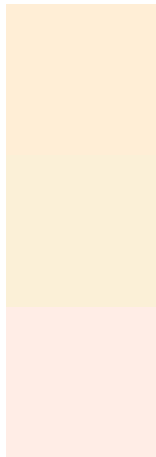


This preview shows how white text looks on a background with the CIELCh color 95, 13.817, 81.962.

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, 13.817, 81.962

Protanopia

95, 13.407, 91.478

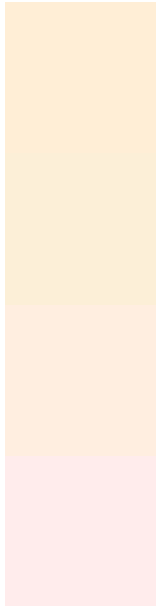
Deuteranopia

95, 7.438, 48.449



Tritanopia
95, 10.113, 334.785

Trichromacy



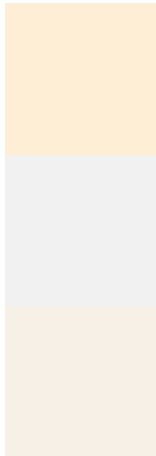
Original Color
95, 13.817, 81.962

Protanomaly
95, 13.183, 87.766

Deuteranomaly
95, 9.483, 68.549

Tritanomaly
95, 6.829, 19.778

Monochromacy



Original Color
95, 13.817, 81.962

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 5.068, 84.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 13.817, 81.962 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, 238, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 214)  
}
```

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, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 13.817, 81.962 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, 238, 214) }
```

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

```
.border{ border-color:rgb(255, 238, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 13.817, 81.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 214) }
```

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

```
.background{ background-color: rgb(255,  
238, 214) }
```

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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