

Converting Colors

CIELCh(95, 10.097, 66.658)

Have a look what the booklet for
CIELCh(95, 10.097, 66.658) contains.

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Color

CIELCh(95, 9.740, 66.902)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFEEEE |
| RGB | 255, 238, 224 |
| RGB Percent | 100%, 93%, 88% |
| CMY | 0.0000, 0.0684, 0.1233 |
| CMYK | 0.00, 0.07, 0.12, 0.00 |
| HSL | 27°, 100%, 94% |
| HSV | 27°, 12%, 100% |
| XYZ | 85.2898, 87.6183, 82.6206 |
| YIQ | 241.4870, 14.6260, -0.7500 |

Conversions

Conversions Part 2

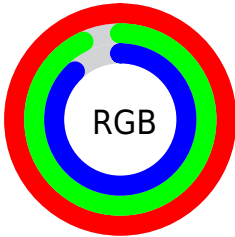
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 250, 224 |
| Decimal | 16772832 |
| CIE Lab | 95.00, 3.82, 8.96 |
| CIE LCh | 95, 9.740, 66.902 |
| Yxy | 87.6183, 0.3338, 0.3429 |
| Android (android.graphics.Color) | 4294962912 (0xFFFFEEE0) |
| YUV | 241.4870, -8.6211, 11.8509 |
| Hunter-Lab | 93.6047, -1.1642, 13.1907 |

Details

The CIELCh color **95, 9.740, 66.902** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.205, 250.916**, 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, 9.349, 67.918** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.883, 66.721**, and if you desaturate by 10%, it is **99, 1.760, 68.758**.

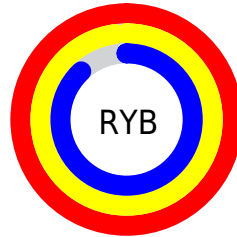
Distribution



Red (100%)

Green (93%)

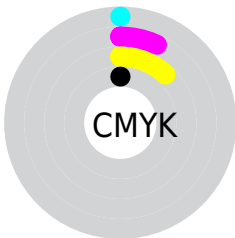
Blue (88%)



Red (100%)

Yellow (98%)

Blue (88%)

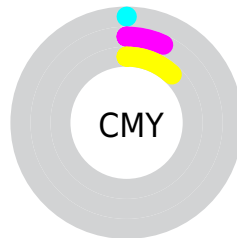


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.740, 66.902 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, 9.740, 66.902 by changing the saturation by 10% instead.

| | |
|--|---|
|  95, 9.740, 66.902 |  95, 9.740, 66.902 |
|  100, 9.740, 66.902 |  85, 9.740, 66.902 |
| |  75, 9.740, 66.902 |
| |  65, 9.740, 66.902 |
| |  55, 9.740, 66.902 |
| |  45, 9.740, 66.902 |
| |  35, 9.740, 66.902 |
| |  25, 9.740, 66.902 |
| |  15, 9.740, 66.902 |
| |  5, 9.740, 66.902 |

95, 9.740, 66.902

95, 9.740, 66.902

91, 17.883, 66.721

99, 1.760, 68.758

87, 26.651, 65.590

100, 0.012,
296.813

83, 35.919, 64.470

79, 45.661, 63.362

76, 55.764, 62.245

72, 65.938, 61.050

69, 75.554, 59.610

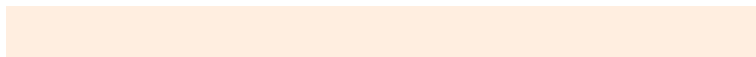
66, 83.467, 57.587

64, 87.882, 55.529

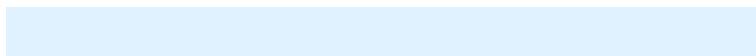
Harmonies

Complementary

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



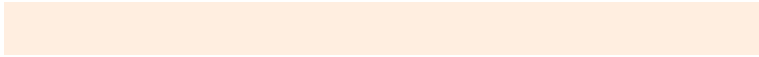
95, 9.740, 66.902



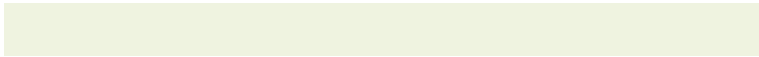
94, 9.205, 250.916

Rectangle

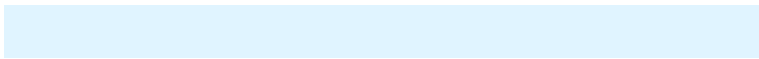
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.740, 66.902



95, 9.740, 116.902



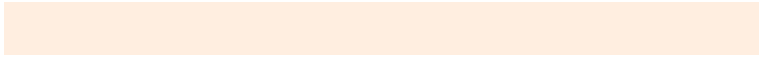
95, 9.740, 246.902



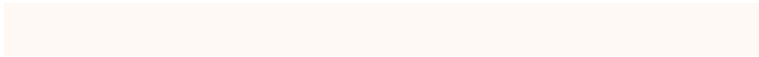
95, 9.740, 296.902

Sweetspot

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



95, 9.598, 67.844



98, 3.038, 68.686



92, 14.529, 341.182



52, 2.165, 68.626



0, 0.000, 0.000



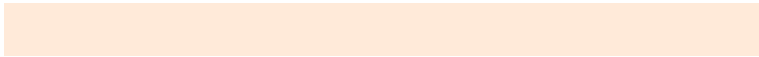
53, 0.007, 296.813

Same Dimension

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



95, 9.598, 67.844



94, 11.763, 67.547



99, 14.885, 106.093



51, 4.390, 68.152



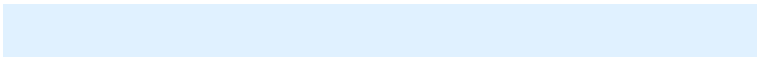
49, 70.439, 56.233



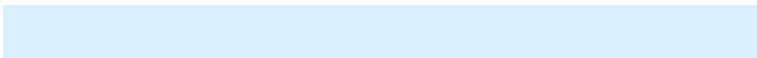
15, 27.162, 56.477

Inverse Universe

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



94, 9.205, 250.916



93, 11.166, 251.294



90, 15.255, 288.749



51, 4.256, 250.542



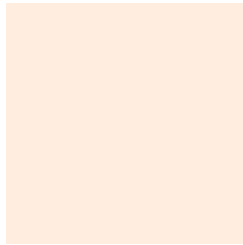
44, 52.192, 278.310



13, 21.524, 271.358

Previews

White Background



This preview shows how the CIELCh color 95, 9.740, 66.902 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, 9.740, 66.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

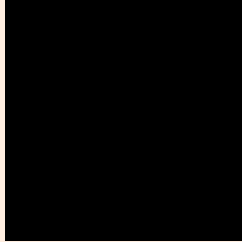
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.740, 66.902

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.740, 66.902.

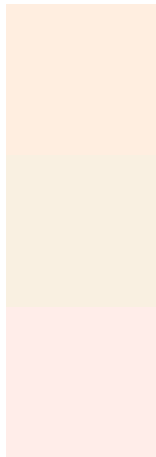


This preview shows how white text looks on a background with the CIELCh color 95, 9.740, 66.902.

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, 9.483, 68.549

Protanopia

95, 8.327, 86.386

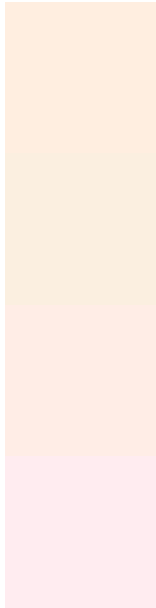
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 10.113, 334.785

Trichromacy



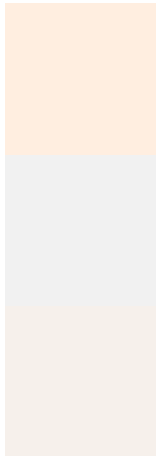
Original Color
95, 9.483, 68.549

Protanomaly
95, 8.824, 79.774

Deuteranomaly
95, 7.438, 48.449

Tritanomaly
95, 7.104, 3.065

Monochromacy



Original Color
95, 9.483, 68.549

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.319, 69.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.740, 66.902 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 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(255, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.740, 66.902 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, 224) }
```

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

```
.border{ border-color:rgb(255, 238, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 238, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 238, 224); box-shadow:4px 4px 4px 4px rgb(255, 238, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.740, 66.902 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, 224) }
```

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

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