

Converting Colors

CIELCh(95, 17.286, 99.025)

Have a look what the booklet for
CIELCh(95, 17.286, 99.025) contains.

CIELCh(95, 17.113, 98.790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 17.113, 98.790)

Conversions

Conversions Part 1

Format	Color
Hex	F9F1D0
RGB	249, 241, 208
RGB Percent	98%, 95%, 82%
CMY	0.0235, 0.0548, 0.1842
CMYK	0.00, 0.03, 0.16, 0.02
HSL	48°, 77%, 90%
HSV	48°, 16%, 98%
XYZ	81.9205, 87.6183, 72.2790
YIQ	239.6300, 15.3610, -8.5670

Conversions

Conversions Part 2

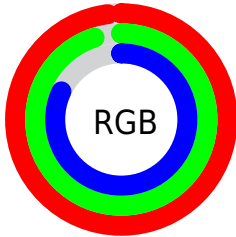
Format	Color
R_{YB}	218, 249, 208
Decimal	16380368
CIE _{Lab}	95.00, -2.62, 16.91
CIE _{LCh}	95, 17.113, 98.790
Yxy	87.6183, 0.3388, 0.3623
Android (android.graphics.Color)	4294570448 (0xFFFF9F1D0)
YUV	239.6300, -15.5936, 8.2175
Hunter-Lab	93.6047, -7.5894, 19.7411

Details

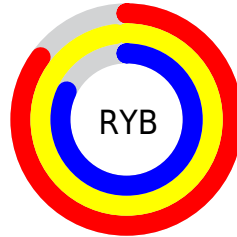
The CIELCh color **95, 17.113, 98.790** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 17.442, 282.805**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 16.855, 99.097** is the 20% darker color. If you saturate the color by 10%, you get **93, 27.582, 97.607**, and if you desaturate by 10%, it is **97, 6.689, 99.943**.

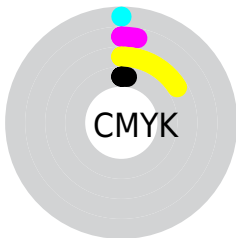
Distribution



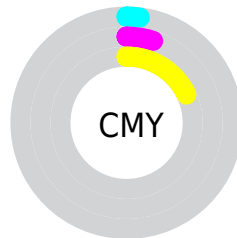
- Red (98%)
- Green (95%)
- Blue (82%)



- Red (85%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (5%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 17.113, 98.790 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, 17.113, 98.790 by changing the saturation by 10% instead.

 95, 17.113, 98.790

 95, 17.113, 98.790

 100, 17.113,
98.790

 85, 17.113, 98.790

 75, 17.113, 98.790

 65, 17.113, 98.790

 55, 17.113, 98.790

 45, 17.113, 98.790

 35, 17.113, 98.790

 25, 17.113, 98.790

 15, 17.113, 98.790

 5, 17.113, 98.790

95, 17.113, 98.790

95, 17.113, 98.790

93, 27.582, 97.607

97, 6.689, 99.943

92, 38.017, 96.388

99, 2.254, 275.052

90, 48.292, 95.151

100, 2.075,
199.593

89, 58.180, 93.902

87, 67.300, 92.640

86, 75.059, 91.354

84, 80.672, 90.008

83, 83.452, 88.537

83, 83.981, 87.993

Harmonies

Complementary

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



95, 17.113, 98.790



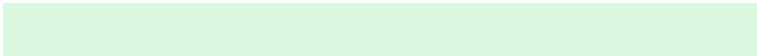
87, 17.442, 282.805

Rectangle

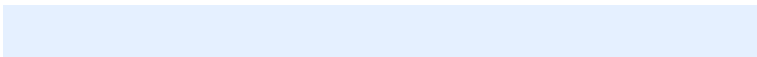
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 17.113, 98.790



95, 17.113, 148.790



95, 17.113, 278.790



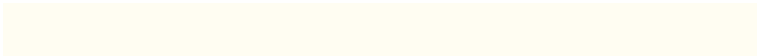
95, 17.113, 328.790

Sweetspot

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



95, 17.115, 98.798



99, 5.268, 100.102



87, 15.705, 4.862



53, 3.596, 100.026



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, 17.115, 98.798



96, 21.218, 98.378



96, 21.359, 120.849



51, 5.908, 99.604



64, 68.287, 88.281



21, 29.439, 90.397

Inverse Universe

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



87, 17.442, 282.805



86, 21.713, 283.332



86, 22.051, 302.835



48, 5.979, 281.861



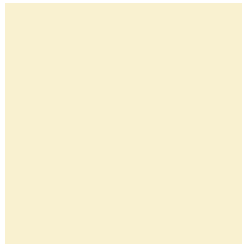
27, 93.948, 302.639



5, 36.190, 296.987

Previews

White Background



This preview shows how the CIE LCh color 95, 17.113, 98.790 looks on a white background.

Color Contrast Check

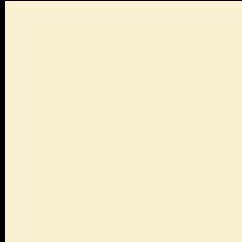
Large Text (above 18pt) WCAG AA × Fail

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, 17.113, 98.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

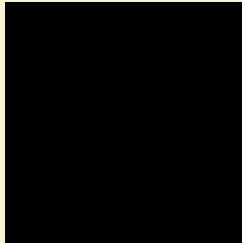
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

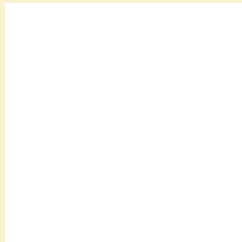
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 17.113, 98.790

Background



This preview shows how black text looks on a background with the CIELCh color 95, 17.113, 98.790.

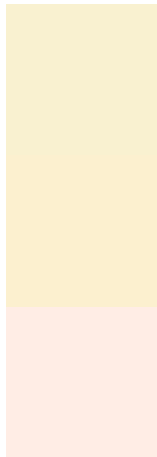


This preview shows how white text looks on a background with the CIELCh color 95, 17.113, 98.790.

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, 17.113, 98.790

Protanopia

95, 17.451, 93.903

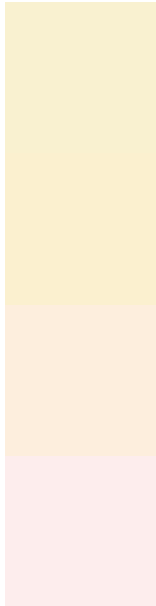
Deuteranopia

95, 7.707, 51.734



Tritanopia
95, 11.655, 327.699

Trichromacy



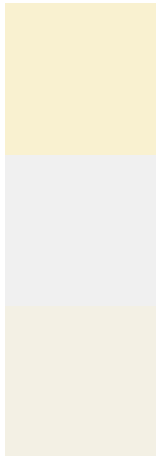
Original Color
95, 17.113, 98.790

Protanomaly
95, 17.358, 95.107

Deuteranomaly
95, 10.292, 77.090

Tritanomaly
95, 5.734, 19.684

Monochromacy



Original Color
95, 17.113, 98.790

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.227, 99.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 17.113, 98.790 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(249, 241, 208)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 208)  
}
```

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(249, 241, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 17.113, 98.790 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(249, 241, 208) }
```

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

```
.border{ border-color:rgb(249, 241, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 241, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 208);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 17.113, 98.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 208) }
```

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

```
.background{ background-color: rgb(249,  
241, 208) }
```

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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