

Converting Colors

CIELCh(98, 21.795, 25.873)

Have a look what the booklet for
CIELCh(98, 21.795, 25.873) contains.

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Color

CIELCh(95, 7.390, 31.778)

Conversions

Conversions Part 1

Format	Color
Hex	FFECE9
RGB	255, 236, 233
RGB Percent	100%, 93%, 91%
CMY	0.0000, 0.0731, 0.0849
CMYK	0.00, 0.07, 0.08, 0.00
HSL	8°, 100%, 96%
HSV	8°, 8%, 100%
XYZ	86.6023, 87.6183, 89.6989
YIQ	241.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

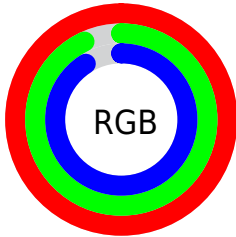
Format	Color
R _Y B	255, 236, 233
Decimal	16772329
CIE Lab	95.00, 6.28, 3.89
CIE LCh	95, 7.390, 31.778
Yxy	87.6183, 0.3281, 0.3320
Android (android.graphics.Color)	4294962409 (0xFFFFE9E9)
YUV	241.3390, -4.1111, 11.9807
Hunter-Lab	93.6047, 1.3386, 8.7072

Details

The CIELCh color **95, 7.390, 31.778** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 6.527, 212.750**, 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, 7.052, 33.086** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.663, 32.893**, and if you desaturate by 10%, it is **100, 0.012, 296.813**.

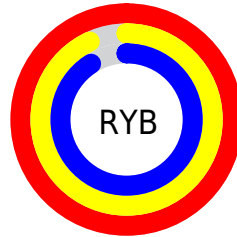
Distribution



Red (100%)

Green (93%)

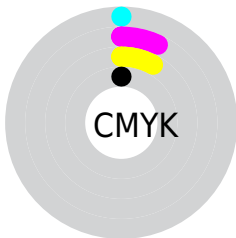
Blue (91%)



Red (100%)

Yellow (93%)

Blue (91%)

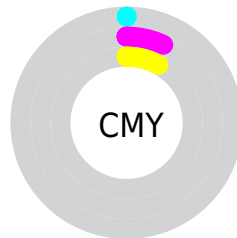


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.390, 31.778 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, 7.390, 31.778 by changing the saturation by 10% instead.



95, 7.390, 31.778

95, 7.390, 31.778

89, 15.663, 32.893

100, 0.012,
296.813

83, 25.177, 33.275

78, 35.462, 33.859

72, 46.495, 34.706

68, 58.174, 35.868

63, 70.266, 37.362

60, 82.296, 39.099

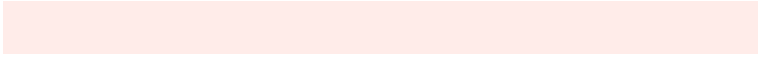
57, 93.216, 40.709

55, 101.052,
41.442

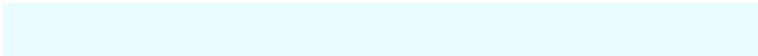
Harmonies

Complementary

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



95, 7.390, 31.778



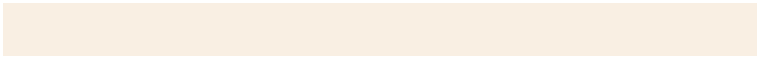
98, 6.527, 212.750

Rectangle

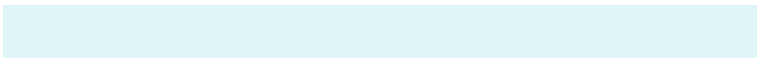
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



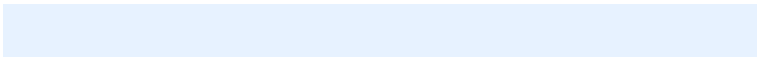
95, 7.390, 31.778



95, 7.390, 81.778



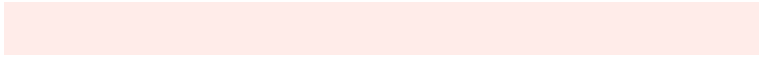
95, 7.390, 211.778



95, 7.390, 261.778

Sweetspot

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



95, 6.896, 32.636



98, 2.381, 32.397



95, 12.331, 328.784



52, 1.811, 32.462



0, 0.000, 0.000



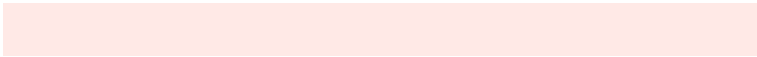
53, 0.007, 296.813

Same Dimension

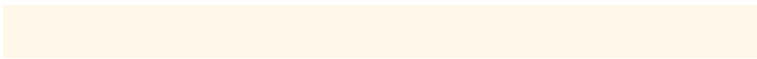
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.896, 32.636



94, 8.173, 32.673



98, 7.524, 87.250



50, 4.637, 32.661



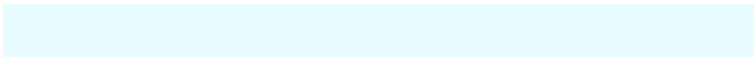
41, 81.810, 41.866



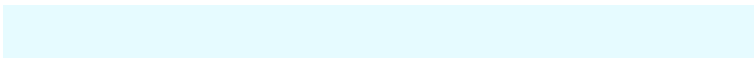
11, 30.872, 33.994

Inverse Universe

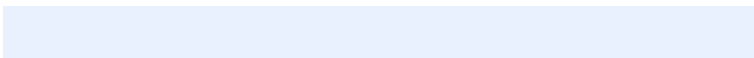
The Inverse Universe completely reimagines the original color for something new.



98, 6.527, 212.750



97, 7.657, 212.742



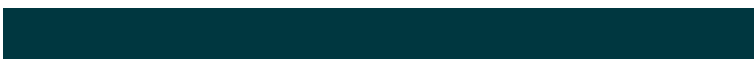
95, 7.501, 269.537



52, 4.359, 212.744



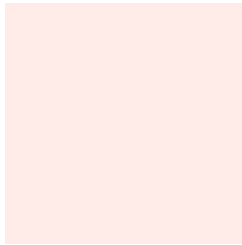
62, 35.197, 222.358



20, 16.303, 218.817

Previews

White Background



This preview shows how the CIELCh color 95, 7.390, 31.778 looks on a white background.

Color Contrast Check

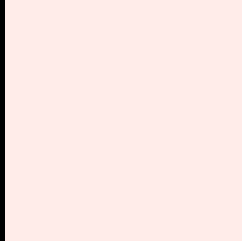
Large Text (above 18pt) WCAG AA × Fail

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, 7.390, 31.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

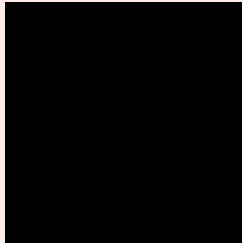
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

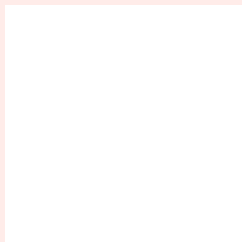
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 7.390, 31.778

Background



This preview shows how black text looks on a background with the CIELCh color 95, 7.390, 31.778.

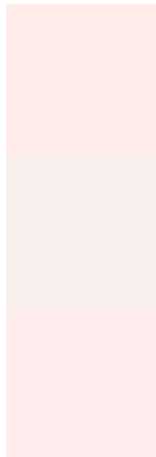


This preview shows how white text looks on a background with the CIELCh color 95, 7.390, 31.778.

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, 7.025, 32.374

Protanopia

95, 3.216, 58.875

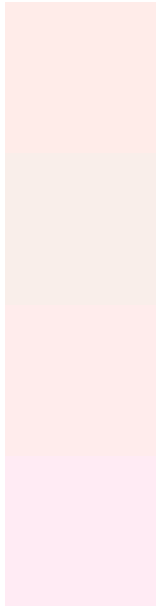
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 10.481, 332.816

Trichromacy



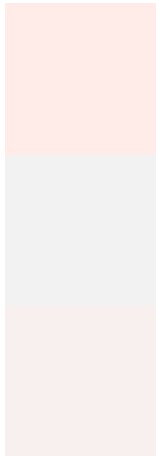
Original Color
95, 7.025, 32.374

Protanomaly
95, 4.433, 47.001

Deuteranomaly
95, 6.829, 19.778

Tritanomaly
95, 8.502, 347.064

Monochromacy



Original Color
95, 7.025, 32.374

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.535, 30.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 7.390, 31.778 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, 236, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 233)  
}
```

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, 236, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 7.390, 31.778 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, 236, 233) }
```

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

```
.border{ border-color:rgb(255, 236, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 7.390, 31.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 233) }
```

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

```
.background{ background-color: rgb(255,  
236, 233) }
```

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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