

Converting Colors

CIELCh(99, 40.772, 71.855)

Have a look what the booklet for
CIELCh(99, 40.772, 71.855) contains.

CIELCh(95, 32.997, 98.060)	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, 32.997, 98.060)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1B1
RGB	255, 241, 177
RGB Percent	100%, 95%, 69%
CMY	0.0000, 0.0536, 0.3046
CMYK	0.00, 0.05, 0.30, 0.00
HSL	49°, 100%, 85%
HSV	49°, 30%, 100%
XYZ	80.8860, 87.6183, 54.4087
YIQ	237.8900, 28.8880, -16.9360

Conversions

Conversions Part 2

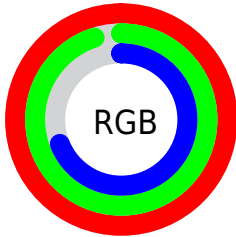
Format	Color
RYB	194, 255, 177
Decimal	16773553
CIELab	95.00, -4.63, 32.67
CIELCh	95, 32.997, 98.060
Yxy	87.6183, 0.3629, 0.3931
Android (android.graphics.Color)	4294963633 (0xFFFFF1B1)
YUV	237.8900, -30.0188, 15.0055
Hunter-Lab	93.6047, -9.5621, 31.0603

Details

The CIELCh color **95, 32.997, 98.060** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 34.395, 286.121**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **75, 32.852, 98.266** is the 20% darker color. If you saturate the color by 10%, you get **93, 43.716, 97.093**, and if you desaturate by 10%, it is **97, 22.132, 99.475**.

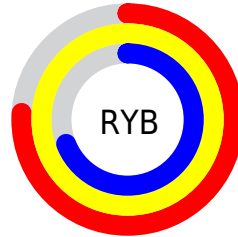
Distribution



Red (100%)

Green (95%)

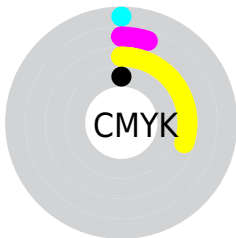
Blue (69%)



Red (76%)

Yellow (100%)

Blue (69%)

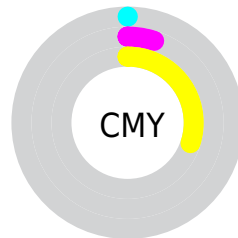


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 32.997, 98.060 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, 32.997, 98.060 by changing the saturation by 10% instead.

 95, 32.997, 98.060

 95, 32.997, 98.060

 100, 32.997,
98.060

 85, 32.997, 98.060

 75, 32.997, 98.060

 65, 32.997, 98.060

 55, 32.997, 98.060

 45, 32.997, 98.060

 35, 32.997, 98.060

 25, 32.997, 98.060

 15, 32.997, 98.060

 5, 32.997, 98.060

95, 32.997, 98.060

95, 32.997, 98.060

93, 43.716, 97.093

97, 22.132, 99.475

92, 54.178, 95.882

98, 11.284,
100.625

91, 64.065, 94.668

100, 0.488,

89, 72.898, 93.453

101.409

88, 79.979, 92.226

100, 0.012,
296.813

87, 84.513, 90.949

86, 86.288, 89.644

Harmonies

Complementary

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



95, 32.997, 98.060



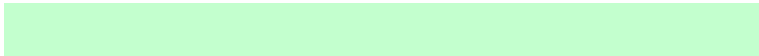
78, 34.395, 286.121

Rectangle

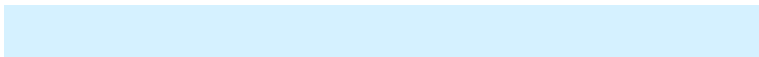
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 32.997, 98.060



95, 32.997, 148.060



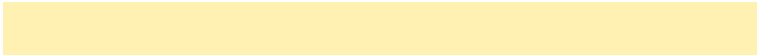
95, 32.997, 278.060



95, 32.997, 328.060

Sweetspot

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



95, 32.976, 98.294



98, 9.699, 100.789



80, 30.518, 7.967



52, 6.744, 100.626



0, 0.000, 0.000



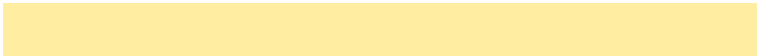
53, 0.007, 296.813

Same Dimension

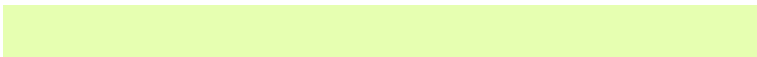
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 32.976, 98.294



94, 40.016, 97.510



97, 40.183, 120.684



52, 6.129, 100.733



66, 69.607, 89.903



22, 31.006, 91.739

Inverse Universe

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



78, 34.395, 286.121



74, 42.242, 287.345



77, 42.695, 304.464



49, 6.210, 282.958



26, 96.825, 303.240



6, 38.509, 298.275

Previews

White Background



This preview shows how the CIE LCh color 95, 32.997, 98.060 looks on a white background.

Color Contrast Check

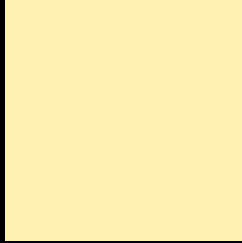
Large Text (above 18pt) WCAG AA × Fail

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, 32.997, 98.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

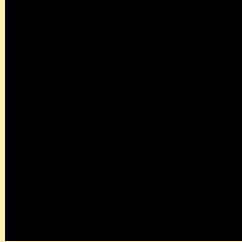
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 32.997, 98.060

Background



This preview shows how black text looks on a background with the CIELCh color 95, 32.997, 98.060.



This preview shows how white text looks on a background with the CIELCh color 95, 32.997, 98.060.

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, 32.997, 98.060

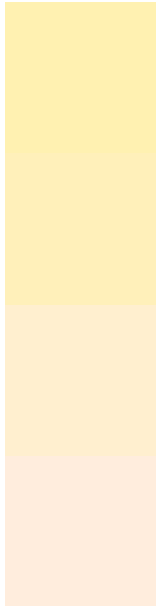
Protanopia
95, 25.659, 95.225

Deuteranopia
95, 9.483, 68.549



Tritanopia
95, 9.093, 341.628

Trichromacy



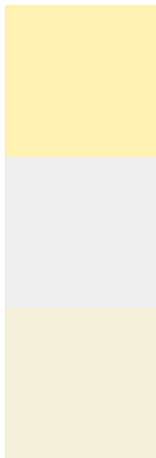
Original Color
95, 32.997, 98.060

Protanomaly
95, 28.138, 96.105

Deuteranomaly
95, 17.437, 88.711

Tritanomaly
95, 10.532, 70.536

Monochromacy



Original Color
95, 32.997, 98.060

Achromatopsia
94, 0.011, 296.813

Achromatomaly
94, 11.911, 100.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 32.997, 98.060 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, 241, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 177)  
}
```

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, 241, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 32.997, 98.060 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, 241, 177) }
```

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

```
.border{ border-color:rgb(255, 241, 177) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 32.997, 98.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 177) }
```

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

```
.background{ background-color: rgb(255,  
241, 177) }
```

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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