

Converting Colors

CIELCh(97, 35.317, 116.558)

Have a look what the booklet for
CIELCh(97, 35.317, 116.558)
contains.

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Color

CIELCh(97, 35.722, 116.683)

Conversions

Conversions Part 1

Format	Color
Hex	EFFEB8
RGB	239, 254, 184
RGB Percent	94%, 100%, 72%
CMY	0.0639, 0.0051, 0.2795
CMYK	0.06, 0.00, 0.28, 0.01
HSL	73°, 96%, 86%
HSV	73°, 28%, 99%
XYZ	79.4636, 92.4403, 58.8453
YIQ	241.5350, 13.5300, -24.9500

Conversions

Conversions Part 2

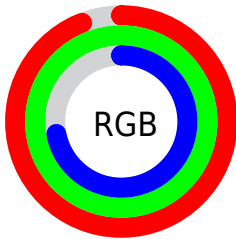
Format	Color
RYB	184, 254, 199
Decimal	15728312
CIELab	97.00, -16.04, 31.92
CIELCh	97, 35.722, 116.683
Yxy	92.4403, 0.3444, 0.4006
Android (android.graphics.Color)	4293918392 (0xFFEFFEB8)
YUV	241.5350, -28.3648, -2.2232
Hunter-Lab	96.1459, -20.7269, 31.0142

Details

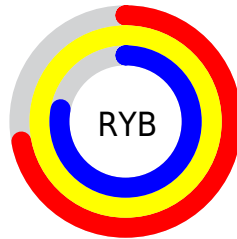
The CIELCh color **97, 35.722, 116.683** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 37.968, 300.762**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **77, 35.764, 116.689** is the 20% darker color. If you saturate the color by 10%, you get **96, 48.295, 116.023**, and if you desaturate by 10%, it is **98, 22.875, 117.368**.

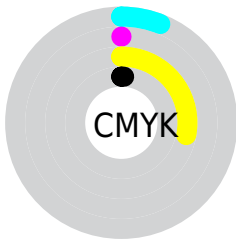
Distribution



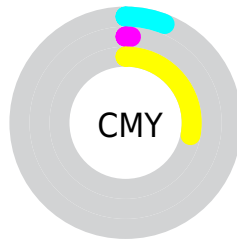
- Red (94%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 35.722, 116.683 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 97, 35.722, 116.683 by changing the saturation by 10% instead.

 97, 35.722,
116.683


 97, 35.722,
116.683

 100, 35.722,
116.683


 87, 35.722,
116.683

 77, 35.722,
116.683

 67, 35.722,
116.683

 57, 35.722,
116.683

 47, 35.722,
116.683

 37, 35.722,
116.683

 27, 35.722,

116.683

■ 17, 35.722,
116.683

■ 7, 35.722, 116.683

■ 97, 35.722,
116.683

■ 97, 35.722,
116.683

■ 96, 48.295,
116.023

■ 98, 22.875,
117.368

■ 96, 60.384,
115.413

■ 99, 9.883, 118.047

■ 95, 71.680,
114.905

100, 0.813,
324.089

■ 94, 81.736,
114.571

■ 94, 89.971,
114.502

■ 93, 95.798,
114.796

■ 93, 98.974,
115.511

■ 93, 99.522,
115.715

Harmonies

Complementary

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



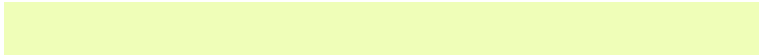
97, 35.722, 116.683



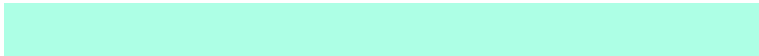
78, 37.968, 300.762

Rectangle

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



97, 35.722, 116.683



97, 35.722, 166.683



97, 35.722, 296.683



97, 35.722, 346.683

Sweetspot

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



97, 35.724, 116.686



99, 10.465, 118.019



84, 23.213, 39.197



53, 7.437, 117.917



0, 0.000, 0.000



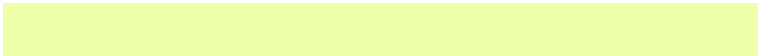
53, 0.007, 296.813

Same Dimension

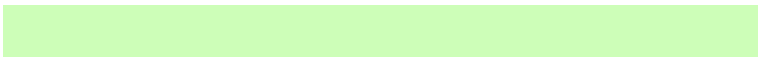
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 35.724, 116.686



97, 42.751, 116.322



95, 39.940, 134.416



53, 7.437, 117.917



72, 80.395, 115.517



25, 36.278, 114.443

Inverse Universe

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



78, 37.968, 300.762



74, 46.075, 301.302



81, 40.781, 316.924



49, 7.592, 299.213



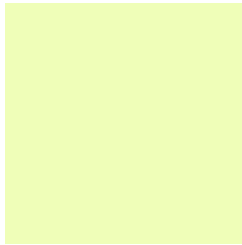
24, 105.990, 307.367



4, 44.587, 305.834

Previews

White Background



This preview shows how the CIELCh color 97, 35.722, 116.683 looks on a white background.

Color Contrast Check

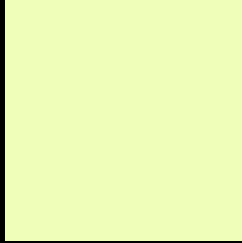
Large Text (above 18pt) WCAG AA × Fail

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 97, 35.722, 116.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

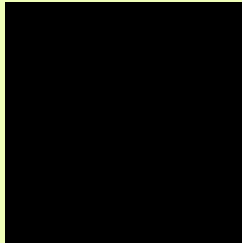
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 35.722, 116.683

Background



This preview shows how black text looks on a background with the CIELCh color 97, 35.722, 116.683.

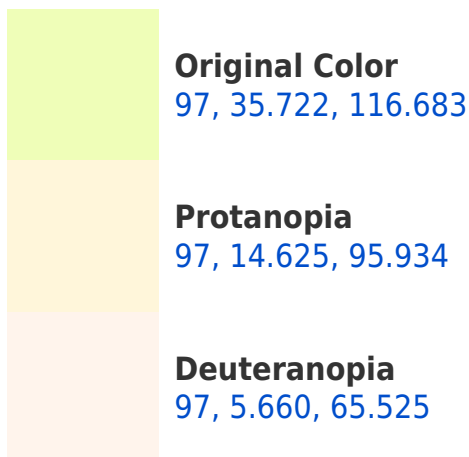



This preview shows how white text looks on a background with the CIELCh color 97, 35.722, 116.683.

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](#).

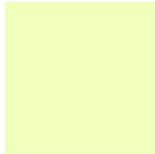
Dichromacy



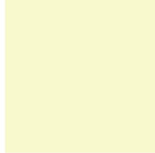


Tritanopia
97, 5.242, 302.017

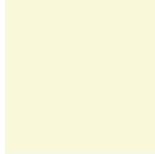
Trichromacy



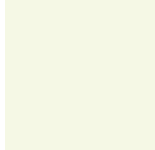
Original Color
97, 35.722, 116.683



Protanomaly
97, 21.820, 108.494

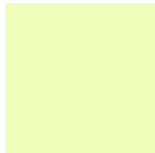


Deuteranomaly
97, 15.765, 107.623

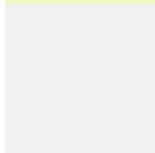


Tritanomaly
97, 9.742, 115.803

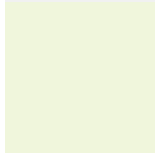
Monochromacy



Original Color
97, 35.722, 116.683



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 13.453, 118.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 35.722, 116.683 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(239, 254, 184)` looks like.

```
.text, #text, p{  
    color:rgb(239, 254, 184)  
}
```

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(239, 254, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 254, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 35.722, 116.683 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(239, 254, 184) }
```

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

```
.border{ border-color:rgb(239, 254, 184) }
```

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

Here you see how a box with a 4 pixel rgb(239, 254, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 254, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 254, 184);  
box-shadow:4px 4px 4px 4px rgb(239, 254,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 35.722, 116.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 254, 184) }
```

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

```
.background{ background-color: rgb(239,  
254, 184) }
```

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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