

Converting Colors

CIELCh(100, 35.387, 128.088)

Have a look what the booklet for
CIELCh(100, 35.387, 128.088)
contains.

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Color

CIELCh(97, 29.140, 125.091)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFC8
RGB	232, 255, 200
RGB Percent	91%, 100%, 78%
CMY	0.0920, 0.0019, 0.2175
CMYK	0.09, 0.00, 0.22, 0.00
HSL	85°, 98%, 89%
HSV	85°, 22%, 100%
XYZ	79.1044, 92.4403, 68.0357
YIQ	241.8530, 3.9470, -21.9810

Conversions

Conversions Part 2

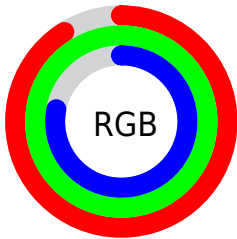
Format	Color
R _Y B	200, 255, 223
Decimal	15269832
CIE Lab	97.00, -16.75, 23.84
CIE LCh	97, 29.140, 125.091
Yxy	92.4403, 0.3302, 0.3858
Android (android.graphics.Color)	4293459912 (0xFFE8FFC8)
YUV	241.8530, -20.6335, -8.6411
Hunter-Lab	96.1459, -21.3937, 25.3467

Details

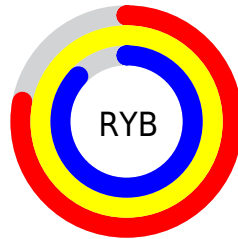
The CIELCh color **97, 29.140, 125.091** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 30.190, 307.312**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 28.892, 125.051** is the 20% darker color. If you saturate the color by 10%, you get **96, 42.477, 124.577**, and if you desaturate by 10%, it is **98, 15.662, 125.606**.

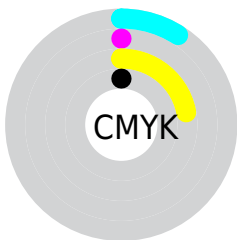
Distribution



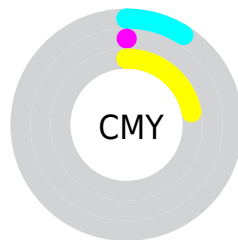
- Red (91%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 29.140, 125.091 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, 29.140, 125.091 by changing the saturation by 10% instead.


 97, 29.140,
125.091


 97, 29.140,
125.091


 100, 29.140,
125.091


 87, 29.140,
125.091

 77, 29.140,
125.091

 67, 29.140,
125.091

 57, 29.140,
125.091

 47, 29.140,
125.091

 37, 29.140,
125.091

 27, 29.140,

125.091

■ 17, 29.140,
125.091

■ 7, 29.140, 125.091

■ 97, 29.140,
125.091

■ 97, 29.140,
125.091

■ 96, 42.477,
124.577

■ 98, 15.662,
125.606

■ 95, 55.501,
124.084

■ 100, 2.151,
126.139

■ 94, 67.969,
123.658

■ 100, 0.303,
323.431

■ 93, 79.525,
123.368

■ 92, 89.670,
123.313

■ 92, 97.807,
123.619

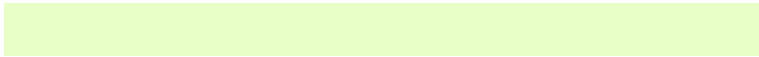
■ 91, 103.427,
124.402

■ 91, 106.335,
125.403

Harmonies

Complementary

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



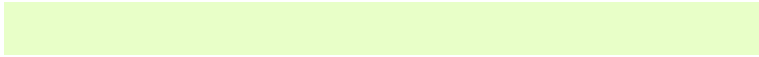
97, 29.140, 125.091



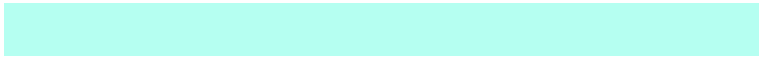
84, 30.190, 307.312

Rectangle

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



97, 29.140, 125.091



97, 29.140, 175.091



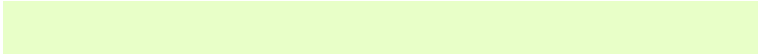
97, 29.140, 305.091



97, 29.140, 355.091

Sweetspot

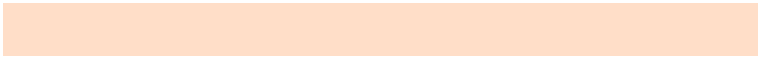
The Sweet Spot groups the original color and five complimentary colors.



97, 29.142, 125.093



99, 8.103, 125.890



91, 17.085, 63.561



53, 5.376, 125.857



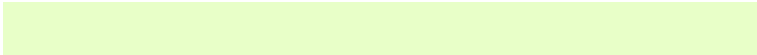
0, 0.000, 0.000



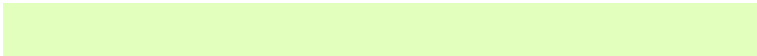
53, 0.007, 296.813

Same Dimension

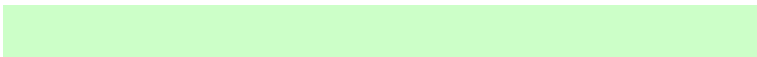
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 29.142, 125.093



97, 35.085, 124.866



95, 33.556, 140.920



53, 7.684, 125.713



70, 85.561, 125.120



24, 38.180, 123.557

Inverse Universe

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



84, 30.190, 307.312



81, 36.630, 307.579



86, 33.695, 323.252



49, 7.809, 306.630



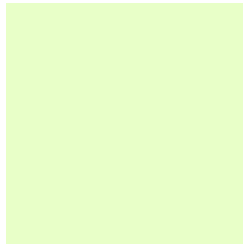
28, 102.290, 310.175



5, 44.910, 310.671

Previews

White Background



This preview shows how the CIELCh color 97, 29.140, 125.091 looks on a white background.

Color Contrast Check

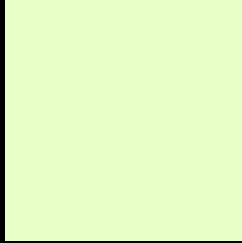
Large Text (above 18pt) WCAG AA × Fail

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, 29.140, 125.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

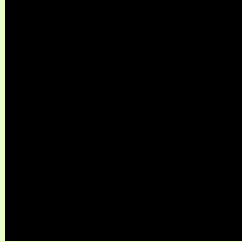
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

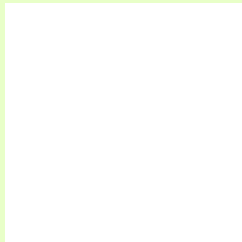
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 29.140, 125.091

Background



This preview shows how black text looks on a background with the CIELCh color 97, 29.140, 125.091.

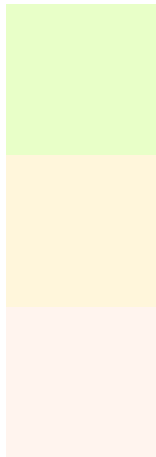


This preview shows how white text looks on a background with the CIELCh color 97, 29.140, 125.091.

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
97, 29.140, 125.091

Protanopia
97, 14.129, 95.524

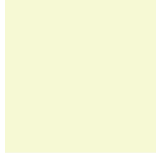
Deuteranopia
97, 4.969, 57.434

Tritanopia
97, 4.650, 282.004

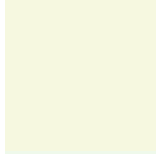
Trichromacy



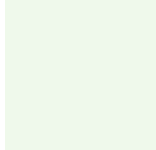
Original Color
97, 29.140, 125.091



Protanomaly
97, 18.833, 112.107

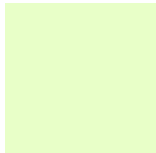


Deuteranomaly
97, 12.241, 112.640

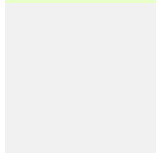


Tritanomaly
97, 8.006, 135.972

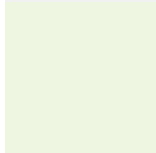
Monochromacy



Original Color
97, 29.140, 125.091



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 10.632, 125.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 29.140, 125.091 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(232, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 200)  
}
```

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(232, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 29.140, 125.091 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(232, 255, 200) }
```

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

```
.border{ border-color:rgb(232, 255, 200) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 29.140, 125.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 200) }
```

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

```
.background{ background-color: rgb(232,  
255, 200) }
```

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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