

Converting Colors

CIELCh(97, 56.546, 112.493)

Have a look what the booklet for
CIELCh(97, 56.546, 112.493)
contains.

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Color

CIELCh(97, 56.235, 112.384)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0FF8F |
| RGB | 240, 255, 143 |
| RGB Percent | 94%, 100%, 56% |
| CMY | 0.0598, 0.0000, 0.4404 |
| CMYK | 0.06, 0.00, 0.44, 0.00 |
| HSL | 68°, 100%, 78% |
| HSV | 68°, 44%, 100% |
| XYZ | 76.7747, 92.4403, 39.6576 |
| YIQ | 237.7470, 27.0120, -38.0120 |

Conversions

Conversions Part 2

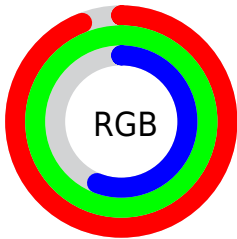
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 143, 255, 158 |
| Decimal | 15794063 |
| CIE _{Lab} | 97.00, -21.41, 52.00 |
| CIE _{LCh} | 97, 56.235, 112.384 |
| Yxy | 92.4403, 0.3676, 0.4426 |
| Android (android.graphics.Color) | 4293984143 (0xFFFF0FF8F) |
| YUV | 237.7470, -46.7103, 1.9759 |
| Hunter-Lab | 96.1459, -25.7188, 42.8466 |

Details

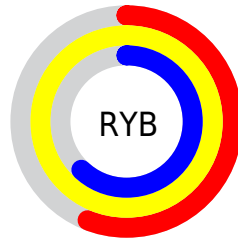
The CIELCh color **97, 56.235, 112.384** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **65, 62.593, 300.201**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **77, 55.502, 112.076** is the 20% darker color. If you saturate the color by 10%, you get **96, 67.401, 111.490**, and if you desaturate by 10%, it is **97, 43.682, 112.877**.

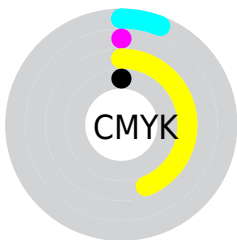
Distribution



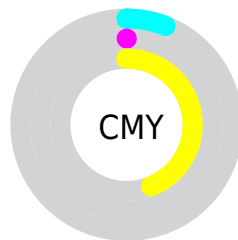
- Red (94%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 56.235, 112.384 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, 56.235, 112.384 by changing the saturation by 10% instead.


 97, 56.235,
112.384


 97, 56.235,
112.384

 100, 56.235,
112.384

 87, 56.235,
112.384

 77, 56.235,
112.384

 67, 56.235,
112.384

 57, 56.235,
112.384

 47, 56.235,
112.384

 37, 56.235,
112.384

 27, 56.235,

112.384

■ 17, 56.235,
112.384

■ 7, 56.235, 112.384

■ 97, 56.235,
112.384

■ 97, 56.235,
112.384

■ 96, 67.401,
111.490

■ 97, 43.682,
112.877

■ 96, 77.827,
110.966

■ 98, 31.066,
113.647

■ 95, 86.614,
110.644

■ 99, 18.216,
114.428

■ 95, 93.139,
110.604

■ 100, 5.248,
115.198

■ 95, 96.970,
110.910

100, 0.012,
296.813

■ 95, 98.190,
111.232

Harmonies

Complementary

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



97, 56.235, 112.384



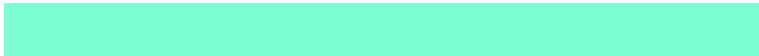
65, 62.593, 300.201

Rectangle

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



97, 56.235, 112.384



97, 56.235, 162.384



97, 56.235, 292.384



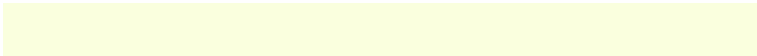
97, 56.235, 342.384

Sweetspot

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



97, 55.884, 112.145



99, 16.866, 114.509



75, 41.668, 33.830



53, 11.795, 114.337



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

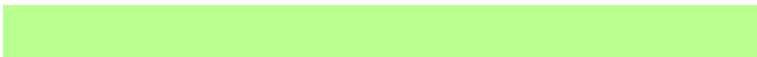
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 55.884, 112.145



96, 66.241, 111.553



93, 62.230, 131.465



53, 7.380, 114.780



73, 79.054, 111.094



25, 35.820, 110.400

Inverse Universe

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



65, 62.593, 300.201



58, 76.528, 301.514



70, 64.971, 315.521



49, 7.543, 296.282



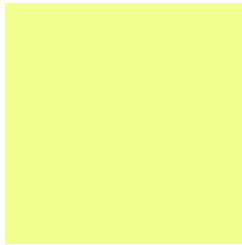
24, 106.916, 306.789



4, 44.433, 304.372

Previews

White Background



This preview shows how the CIELCh color 97, 56.235, 112.384 looks on a white background.

Color Contrast Check

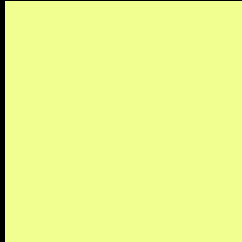
Large Text (above 18pt) WCAG AA × Fail

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, 56.235, 112.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

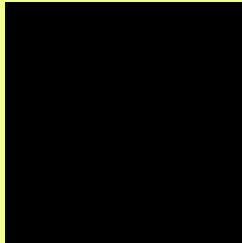
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 56.235, 112.384

Background



This preview shows how black text looks on a background with the CIELCh color 97, 56.235, 112.384.

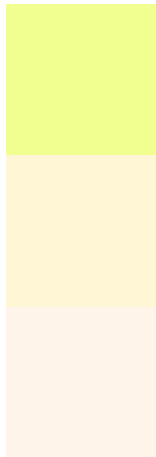


This preview shows how white text looks on a background with the CIELCh color 97, 56.235, 112.384.

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, 55.728, 112.067

Protanopia
97, 17.115, 97.593

Deuteranopia
97, 6.852, 74.297

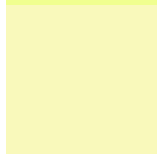


Tritanopia
97, 6.783, 314.834

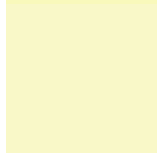
Trichromacy



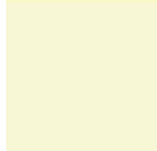
Original Color
97, 55.728, 112.067



Protanomaly
97, 31.352, 107.749



Deuteranomaly
97, 24.357, 107.404

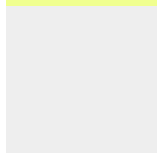


Tritanomaly
96, 16.791, 108.877

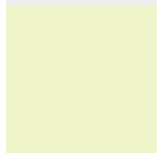
Monochromacy



Original Color
97, 55.728, 112.067



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 20.990, 113.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 56.235, 112.384 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(240, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 143)  
}
```

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(240, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 56.235, 112.384 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(240, 255, 143) }
```

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

```
.border{ border-color:rgb(240, 255, 143) }
```

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

Here you see how a box with a 4 pixel rgb(240, 255, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 56.235, 112.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 143) }
```

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

```
.background{ background-color: rgb(240,  
255, 143) }
```

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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