

Converting Colors

CIELCh(97, 8.413, 116.532)

Have a look what the booklet for
CIELCh(97, 8.413, 116.532) contains.

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Color

CIELCh(97, 8.227, 117.065)

Conversions

Conversions Part 1

Format	Color
Hex	F5F8E8
RGB	245, 248, 232
RGB Percent	96%, 97%, 91%
CMY	0.0389, 0.0271, 0.0899
CMYK	0.01, 0.00, 0.06, 0.03
HSL	71°, 54%, 94%
HSV	71°, 6%, 97%
XYZ	85.8515, 92.4403, 89.7190
YIQ	245.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

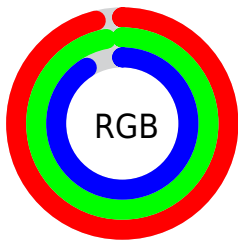
Format	Color
R _Y B	232, 248, 235
Decimal	16120040
CIE Lab	97.00, -3.74, 7.33
CIE LCh	97, 8.227, 117.065
Yxy	92.4403, 0.3203, 0.3449
Android (android.graphics.Color)	4294310120 (0xFFFF5F8E8)
YUV	245.2790, -6.5465, -0.2447
Hunter-Lab	96.1459, -8.8673, 11.9754

Details

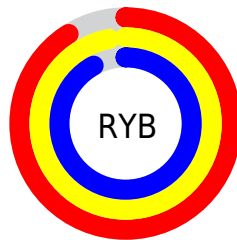
The CIELCh color **97, 8.227, 117.065** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93, 8.359, 297.984**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 8.632, 116.942** is the 20% darker color. If you saturate the color by 10%, you get **96, 20.957, 116.366**, and if you desaturate by 10%, it is **98, 3.593, 299.653**.

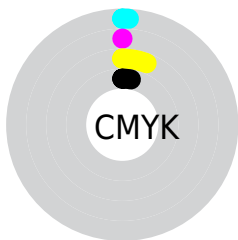
Distribution



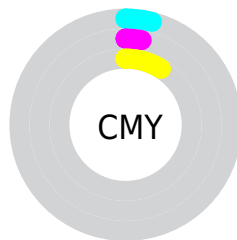
- Red (96%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (92%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 8.227, 117.065 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, 8.227, 117.065 by changing the saturation by 10% instead.

 97, 8.227, 117.065

 97, 8.227, 117.065

 100, 8.227,
117.065

 87, 8.227, 117.065

 77, 8.227, 117.065

 67, 8.227, 117.065

 57, 8.227, 117.065

 47, 8.227, 117.065

 37, 8.227, 117.065

 27, 8.227, 117.065

 17, 8.227, 117.065

 7, 8.227, 117.065

97, 8.227, 117.065

97, 8.227, 117.065

96, 20.957,
116.366

98, 3.593, 299.653

95, 33.552,
115.653

98, 4.188, 322.130

98, 4.305, 324.520

95, 45.889,
114.956

94, 57.777,
114.307

93, 68.924,
113.751

93, 78.909,
113.352

92, 87.171,
113.196

92, 93.120,
113.375

■ 92, 96.433,
113.953

Harmonies

Complementary

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



97, 8.227, 117.065



93, 8.359, 297.984

Rectangle

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



97, 8.227, 117.065



97, 8.227, 167.065



97, 8.227, 297.065



97, 8.227, 347.065

Sweetspot

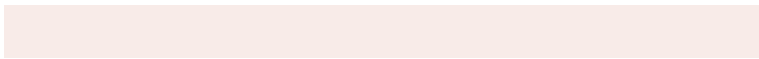
The Sweet Spot groups the original color and five complimentary colors.



97, 8.229, 117.074



100, 2.601, 117.386



94, 4.928, 37.354



53, 1.479, 117.393



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, 8.229, 117.074



99, 10.435, 116.965



96, 9.085, 134.954



52, 7.293, 116.860



72, 79.087, 114.043



24, 34.922, 113.179

Inverse Universe

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



93, 8.359, 297.984



94, 10.627, 298.103



93, 9.150, 315.450



48, 7.449, 298.219



24, 105.275, 307.148



4, 42.532, 304.694

Previews

White Background



This preview shows how the CIE LCh color 97, 8.227, 117.065 looks on a white background.

Color Contrast Check

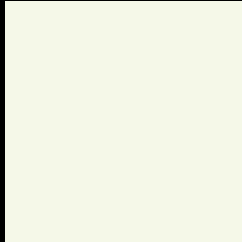
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 8.227, 117.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

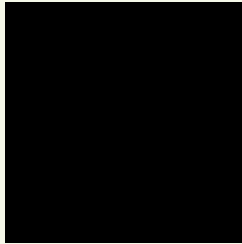
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

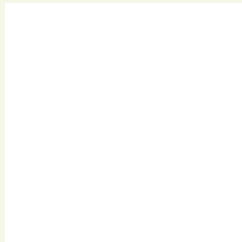
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 8.227, 117.065

Background



This preview shows how black text looks on a background with the CIELCh color 97, 8.227, 117.065.

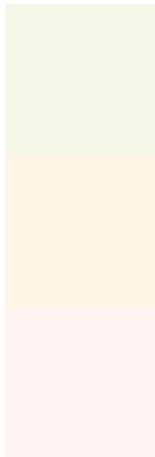


This preview shows how white text looks on a background with the CIELCh color 97, 8.227, 117.065.

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, 8.227, 117.065

Protanopia

97, 7.824, 85.010

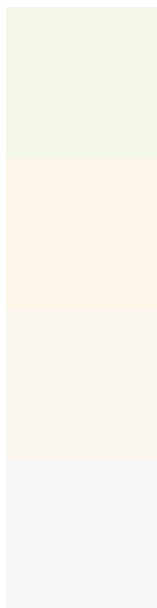
Deuteranopia

97, 3.939, 26.928



Tritanopia
97, 5.242, 302.017

Trichromacy



Original Color
97, 8.227, 117.065

Protanomaly
97, 7.838, 96.260

Deuteranomaly
97, 3.713, 74.719

Tritanomaly
97, 0.634, 323.988

Monochromacy



Original Color
97, 8.227, 117.065

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 3.078, 116.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 8.227, 117.065 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(245, 248, 232)` looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 232)  
}
```

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(245, 248, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 8.227, 117.065 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(245, 248, 232) }
```

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

```
.border{ border-color:rgb(245, 248, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 248, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 8.227, 117.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 232) }
```

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

```
.background{ background-color: rgb(245,  
248, 232) }
```

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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