

Converting Colors

CIELCh(97, 20.490, 135.973)

Have a look what the booklet for
CIELCh(97, 20.490, 135.973)
contains.

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Color

CIElCh(97, 20.646, 135.802)

Conversions

Conversions Part 1

Format	Color
Hex	E4FEDA
RGB	228, 254, 218
RGB Percent	89%, 100%, 85%
CMY	0.1059, 0.0039, 0.1451
CMYK	0.10, 0.00, 0.14, 0.00
HSL	103°, 95%, 93%
HSV	103°, 14%, 100%
XYZ	80.0924, 92.4403, 79.9518
YIQ	242.1220, -3.9400, -16.7080

Conversions

Conversions Part 2

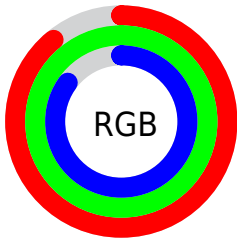
Format	Color
RYB	218, 254, 244
Decimal	15007450
CIELab	97.00, -14.80, 14.39
CIELCh	97, 20.646, 135.802
Yxy	92.4403, 0.3172, 0.3661
Android (android.graphics.Color)	4293197530 (0xFFE4FEDA)
YUV	242.1220, -11.8921, -12.3850
Hunter-Lab	96.1459, -19.5594, 17.9985

Details

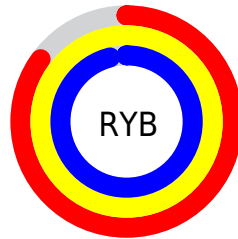
The CIELCh color **97, 20.646, 135.802** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **90, 20.860, 317.031**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 20.551, 136.059** is the 20% darker color. If you saturate the color by 10%, you get **95, 35.277, 135.281**, and if you desaturate by 10%, it is **99, 6.047, 136.294**.

Distribution



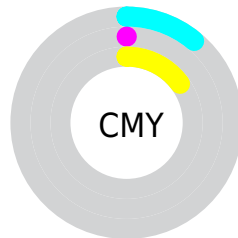
- Red (89%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.646, 135.802 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, 20.646, 135.802 by changing the saturation by 10% instead.

 97, 20.646,
135.802

 97, 20.646,
135.802


 100, 20.646,
135.802


 87, 20.646,
135.802

 77, 20.646,
135.802

 67, 20.646,
135.802

 57, 20.646,
135.802

 47, 20.646,
135.802

 37, 20.646,
135.802

 27, 20.646,

135.802

■ 17, 20.646,
135.802

■ 7, 20.646, 135.802

■ 97, 20.646,
135.802

■ 97, 20.646,
135.802

■ 95, 35.277,
135.281

■ 99, 6.047, 136.294

■ 94, 49.768,
134.717

100, 0.626,
323.969

■ 92, 63.889,
134.129

■ 91, 77.320,
133.560

■ 90, 89.622,
133.083

■ 89, 100.220,
132.805

■ 89, 108.471,
132.861

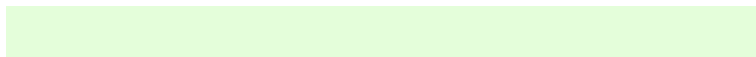
■ 88, 113.898,
133.351

■ 88, 115.935,
133.773

Harmonies

Complementary

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



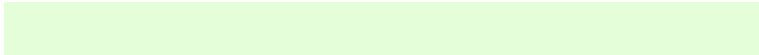
97, 20.646, 135.802



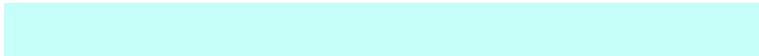
90, 20.860, 317.031

Rectangle

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



97, 20.646, 135.802



97, 20.646, 185.802



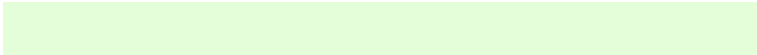
97, 20.646, 315.802



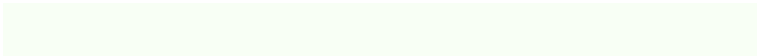
97, 20.646, 5.802

Sweetspot

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



97, 20.648, 135.803



99, 5.812, 136.303



96, 13.674, 93.161



53, 4.133, 136.264



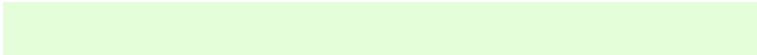
0, 0.000, 0.000



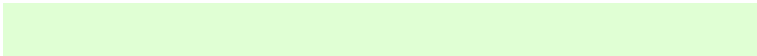
53, 0.007, 296.813

Same Dimension

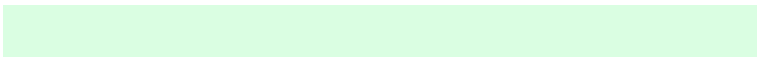
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.648, 135.803



97, 24.864, 135.660



97, 19.340, 150.159



52, 8.292, 136.032



68, 93.418, 133.570



23, 41.544, 132.549

Inverse Universe

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



90, 20.860, 317.031



89, 25.164, 317.157



91, 19.415, 332.009



50, 8.355, 316.822



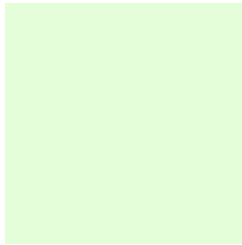
36, 96.073, 318.055



9, 43.945, 319.160

Previews

White Background



This preview shows how the CIELCh color 97, 20.646, 135.802 looks on a white background.

Color Contrast Check

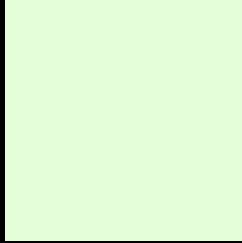
Large Text (above 18pt) WCAG AA × Fail

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, 20.646, 135.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

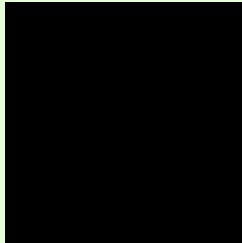
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

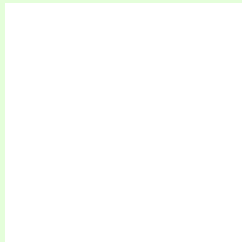
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 20.646, 135.802

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.646, 135.802.

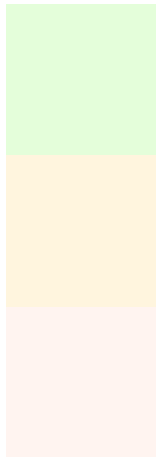


This preview shows how white text looks on a background with the CIELCh color 97, 20.646, 135.802.

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, 20.646, 135.802

Protanopia
97, 12.268, 91.846

Deuteranopia
97, 4.410, 47.004

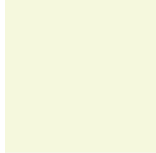


Tritanopia
97, 4.417, 267.541

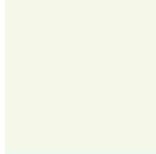
Trichromacy



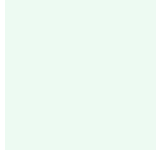
Original Color
97, 20.646, 135.802



Protanomaly
97, 13.790, 113.670

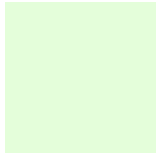


Deuteranomaly
97, 8.227, 117.065

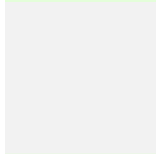


Tritanomaly
97, 6.159, 157.604

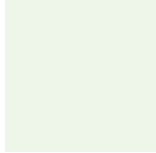
Monochromacy



Original Color
97, 20.646, 135.802



Achromatopsia
95, 0.011, 296.813



Achromatomaly
96, 7.403, 135.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.646, 135.802 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(228, 254, 218)` looks like.

```
.text, #text, p{  
    color:rgb(228, 254, 218)  
}
```

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(228, 254, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 254, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.646, 135.802 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(228, 254, 218) }
```

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

```
.border{ border-color:rgb(228, 254, 218) }
```

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

Here you see how a box with a 4 pixel rgb(228, 254, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 254, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 254, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 254,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.646, 135.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 254, 218) }
```

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

```
.background{ background-color: rgb(228,  
254, 218) }
```

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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