

Converting Colors

CIELCh(95, 24.202, 127.562)

Have a look what the booklet for
CIELCh(95, 24.202, 127.562)
contains.

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Color

CIELCh(95, 24.366, 127.847)

Conversions

Conversions Part 1

Format	Color
Hex	E2F8CB
RGB	226, 248, 203
RGB Percent	89%, 97%, 80%
CMY	0.1137, 0.0274, 0.2039
CMYK	0.09, 0.00, 0.18, 0.03
HSL	89°, 76%, 88%
HSV	89°, 18%, 97%
XYZ	75.7135, 87.6183, 69.4233
YIQ	236.2920, 1.3330, -18.6590

Conversions

Conversions Part 2

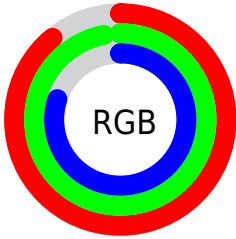
Format	Color
RYB	203, 248, 225
Decimal	14874827
CIELab	95.00, -14.95, 19.24
CIELCh	95, 24.366, 127.847
Yxy	87.6183, 0.3253, 0.3764
Android (android.graphics.Color)	4293064907 (0xFFE2F8CB)
YUV	236.2920, -16.4130, -9.0261
Hunter-Lab	93.6047, -19.4259, 21.5499

Details

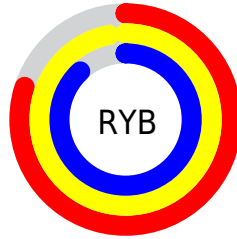
The CIELCh color **95, 24.366, 127.847** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 25.000, 309.540**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 24.559, 128.464** is the 20% darker color. If you saturate the color by 10%, you get **94, 37.731, 127.356**, and if you desaturate by 10%, it is **96, 10.926, 128.330**.

Distribution



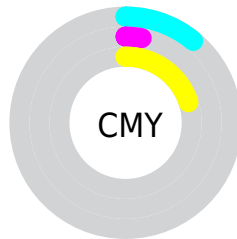
- Red (89%)
- Green (97%)
- Blue (80%)



- Red (80%)
- Yellow (97%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (3%)




- Cyan (11%)
- Magenta (3%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 24.366, 127.847 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 95, 24.366, 127.847 by changing the saturation by 10% instead.

 95, 24.366,
127.847


 95, 24.366,
127.847

 100, 24.366,
127.847


 85, 24.366,
127.847

 75, 24.366,
127.847

 65, 24.366,
127.847

 55, 24.366,
127.847

 45, 24.366,
127.847

 35, 24.366,
127.847

 25, 24.366,

127.847

■ 15, 24.366,
127.847

■ 5, 24.366, 127.847

■ 95, 24.366,
127.847

■ 95, 24.366,
127.847

■ 94, 37.731,
127.356

■ 96, 10.926,
128.330

■ 93, 50.868,
126.868

■ 98, 2.493, 308.707

■ 92, 63.564,
126.421

■ 98, 4.352, 324.522

■ 91, 75.511,
126.075

■ 90, 86.267,
125.918

■ 89, 95.270,
126.073

■ 88, 101.953,
126.668

■ 88, 106.115,
127.757

■ 88, 106.745,
127.975

Harmonies

Complementary

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



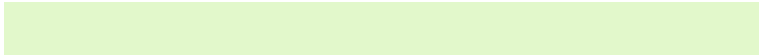
95, 24.366, 127.847



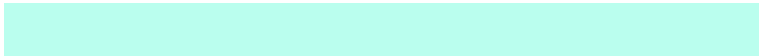
85, 25.000, 309.540

Rectangle

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



95, 24.366, 127.847



95, 24.366, 177.847



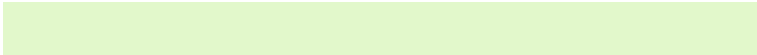
95, 24.366, 307.847



95, 24.366, 357.847

Sweetspot

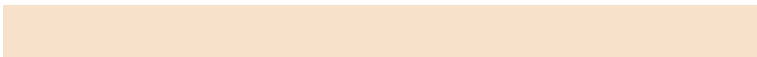
The Sweet Spot groups the original color and five complimentary colors.



95, 24.368, 127.849



99, 6.850, 128.480



91, 14.283, 71.359



53, 4.675, 128.446



0, 0.000, 0.000



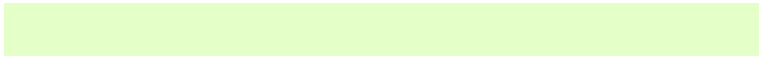
53, 0.007, 296.813

Same Dimension

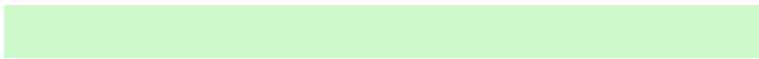
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 24.368, 127.849



97, 30.207, 127.659



94, 28.185, 142.874



52, 7.674, 128.265



69, 86.701, 127.698



22, 37.695, 126.267

Inverse Universe

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



85, 25.000, 309.540



84, 31.165, 309.744



87, 28.223, 324.970



48, 7.783, 309.105



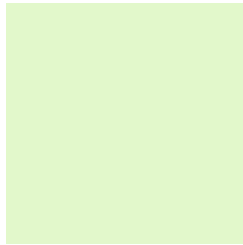
29, 99.759, 311.632



6, 43.235, 312.368

Previews

White Background



This preview shows how the CIE LCh color 95, 24.366, 127.847 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 95, 24.366, 127.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

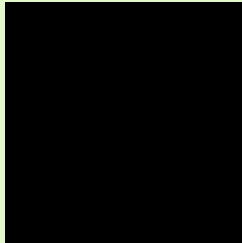
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

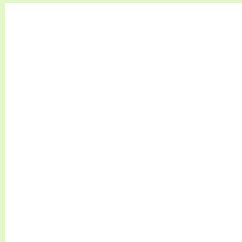
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 24.366, 127.847

Background



This preview shows how black text looks on a background with the CIELCh color 95, 24.366, 127.847.

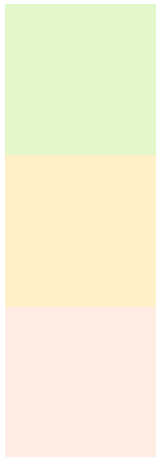


This preview shows how white text looks on a background with the CIELCh color 95, 24.366, 127.847.

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
95, 24.366, 127.847

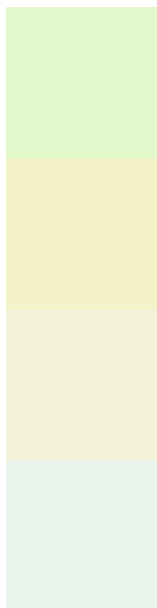
Protanopia
95, 21.604, 94.278

Deuteranopia
95, 7.999, 54.786



Tritanopia
95, 7.810, 280.681

Trichromacy



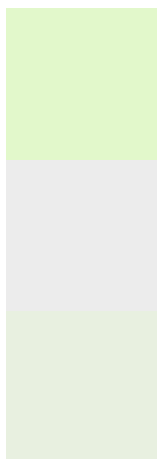
Original Color
95, 24.366, 127.847

Protanomaly
95, 21.918, 107.472

Deuteranomaly
95, 11.298, 103.710

Tritanomaly
95, 5.317, 156.727

Monochromacy



Original Color
95, 24.366, 127.847

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 8.724, 128.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 24.366, 127.847 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(226, 248, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 248, 203)  
}
```

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(226, 248, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 248, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 24.366, 127.847 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(226, 248, 203) }
```

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

```
.border{ border-color:rgb(226, 248, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 248, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 248, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 248, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 248,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 24.366, 127.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 248, 203) }
```

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

```
.background{ background-color: rgb(226,  
248, 203) }
```

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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