

Converting Colors

CIELCh(95, 36.227, 119.580)

Have a look what the booklet for
CIELCh(95, 36.227, 119.580)
contains.

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Color

CIElCh(95, 36.227, 119.580)

Conversions

Conversions Part 1

Format	Color
Hex	E5F9B3
RGB	229, 249, 179
RGB Percent	90%, 98%, 70%
CMY	0.1022, 0.0237, 0.2982
CMYK	0.08, 0.00, 0.28, 0.02
HSL	77°, 85%, 84%
HSV	77°, 28%, 98%
XYZ	74.2851, 87.6183, 55.6164
YIQ	235.0400, 10.5500, -26.0100

Conversions

Conversions Part 2

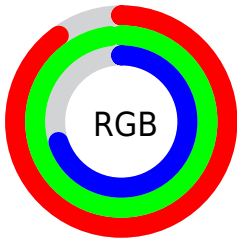
Format	Color
RYB	179, 249, 199
Decimal	15071667
CIELab	95.00, -17.88, 31.51
CIELCh	95, 36.227, 119.580
Yxy	87.6183, 0.3415, 0.4028
Android (android.graphics.Color)	4293261747 (0xFFE5F9B3)
YUV	235.0400, -27.6277, -5.2971
Hunter-Lab	93.6047, -22.1497, 30.2954

Details

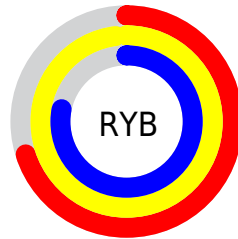
The CIELCh color **95, 36.227, 119.580** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77, 38.376, 303.230**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **75, 36.311, 119.740** is the 20% darker color. If you saturate the color by 10%, you get **94, 48.752, 118.994**, and if you desaturate by 10%, it is **96, 23.437, 120.190**.

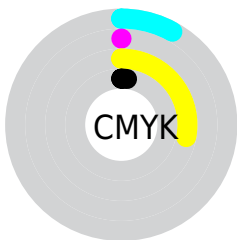
Distribution



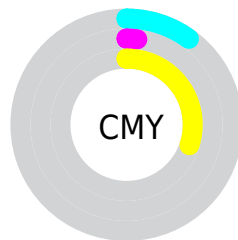
- Red (90%)
- Green (98%)
- Blue (70%)



- Red (70%)
- Yellow (98%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (10%)
- Magenta (2%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 36.227, 119.580 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, 36.227, 119.580 by changing the saturation by 10% instead.


 95, 36.227,
119.580


 95, 36.227,
119.580


 100, 36.227,
119.580


 85, 36.227,
119.580

 75, 36.227,
119.580

 65, 36.227,
119.580

 55, 36.227,
119.580

 45, 36.227,
119.580

 35, 36.227,
119.580

 25, 36.227,

119.580

■ 15, 36.227,
119.580

■ 5, 36.227, 119.580

■ 95, 36.227,
119.580

■ 95, 36.227,
119.580

■ 94, 48.752,
118.994

■ 96, 23.437,
120.190

■ 93, 60.802,
118.460

■ 97, 10.513,
120.795

■ 93, 72.070,
118.037

■ 98, 2.450, 301.353

■ 92, 82.116,
117.803

■ 99, 3.766, 324.491

■ 91, 90.369,
117.862

■ 91, 96.263,
118.326

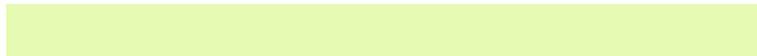
■ 90, 99.611,
119.249

■ 90, 100.100,
119.444

Harmonies

Complementary

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



95, 36.227, 119.580



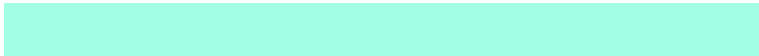
77, 38.376, 303.230

Rectangle

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



95, 36.227, 119.580



95, 36.227, 169.580



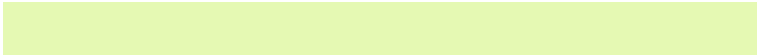
95, 36.227, 299.580



95, 36.227, 349.580

Sweetspot

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



95, 36.229, 119.583



99, 10.563, 120.802



84, 22.474, 48.016



53, 7.507, 120.711



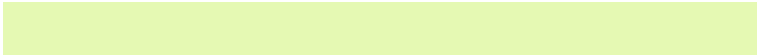
0, 0.000, 0.000



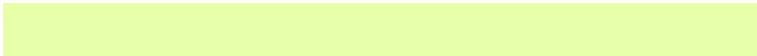
53, 0.007, 296.813

Same Dimension

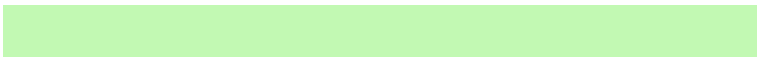
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 36.229, 119.583



96, 44.495, 119.229



93, 41.122, 136.856



52, 7.384, 120.713



70, 81.170, 119.204



23, 35.638, 117.974

Inverse Universe

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



77, 38.376, 303.230



74, 47.801, 303.737



80, 41.713, 319.554



48, 7.528, 301.847



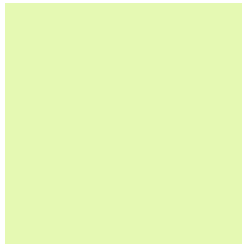
25, 103.817, 308.133



4, 42.796, 306.892

Previews

White Background



This preview shows how the CIELCh color 95, 36.227, 119.580 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 95, 36.227, 119.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

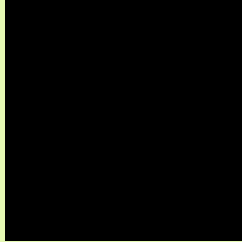
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

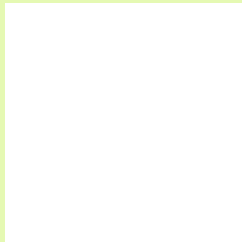
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 36.227, 119.580

Background



This preview shows how black text looks on a background with the CIELCh color 95, 36.227, 119.580.

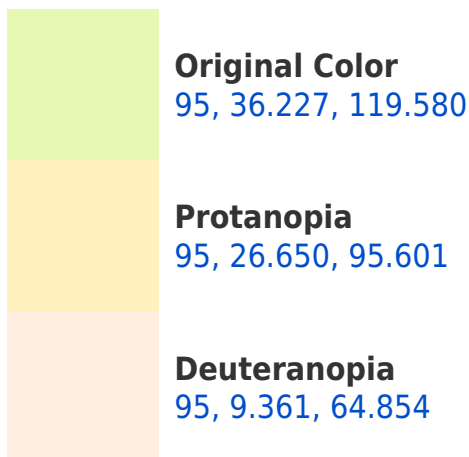



This preview shows how white text looks on a background with the CIELCh color 95, 36.227, 119.580.

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



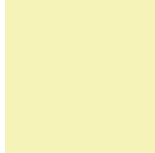


Tritanopia
95, 8.243, 293.212

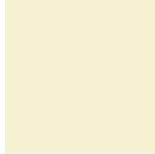
Trichromacy



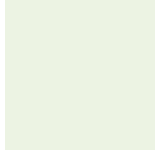
Original Color
95, 36.227, 119.580



Protanomaly
95, 29.500, 105.613

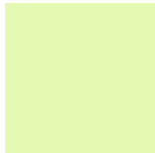


Deuteranomaly
95, 16.957, 102.536

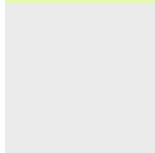


Tritanomaly
95, 8.586, 126.561

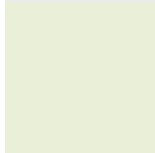
Monochromacy



Original Color
95, 36.227, 119.580



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 13.083, 120.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 36.227, 119.580 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(229, 249, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 249, 179)  
}
```

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(229, 249, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 36.227, 119.580 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(229, 249, 179) }
```

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

```
.border{ border-color:rgb(229, 249, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 249, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 249, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 249, 179); box-shadow:4px 4px 4px 4px rgb(229, 249, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 36.227, 119.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 179) }
```

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

```
.background{ background-color: rgb(229,  
249, 179) }
```

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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