

Converting Colors

CIELCh(93, 26.317, 127.560)

Have a look what the booklet for
CIELCh(93, 26.317, 127.560)
contains.

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Color

CIELCh(93, 26.637, 127.782)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DBF3C2 |
| RGB | 219, 243, 194 |
| RGB Percent | 86%, 95%, 76% |
| CMY | 0.1416, 0.0475, 0.2396 |
| CMYK | 0.10, 0.00, 0.20, 0.05 |
| HSL | 89°, 67%, 86% |
| HSV | 89°, 20%, 95% |
| XYZ | 70.9225, 82.9670, 63.2516 |
| YIQ | 230.2380, 1.4250, -20.3270 |

Conversions

Conversions Part 2

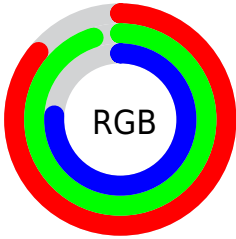
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 243, 218 |
| Decimal | 14414786 |
| CIELab | 93.00, -16.32, 21.05 |
| CIELCh | 93, 26.637, 127.782 |
| Yxy | 82.9670, 0.3266, 0.3821 |
| Android (android.graphics.Color) | 4292604866 (0xFFDBF3C2) |
| YUV | 230.2380, -17.8653, -9.8557 |
| Hunter-Lab | 91.0862, -20.4155, 22.5885 |

Details

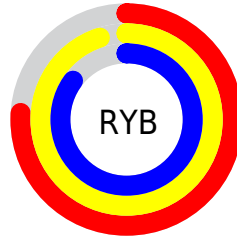
The CIELCh color **93, 26.637, 127.782** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 27.407, 309.676**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **73, 26.816, 127.541** is the 20% darker color. If you saturate the color by 10%, you get **92, 39.750, 127.291**, and if you desaturate by 10%, it is **94, 13.425, 128.266**.

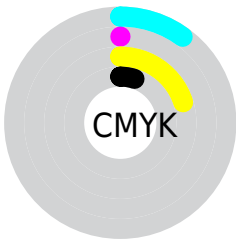
Distribution



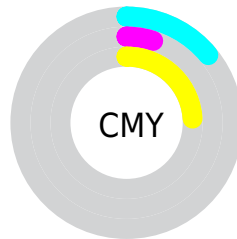
- Red (86%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 26.637, 127.782 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 93, 26.637, 127.782 by changing the saturation by 10% instead.


 93, 26.637,
127.782


 93, 26.637,
127.782


 100, 26.637,
127.782


 83, 26.637,
127.782

 73, 26.637,
127.782

 63, 26.637,
127.782

 53, 26.637,
127.782

 43, 26.637,
127.782

 33, 26.637,
127.782

 23, 26.637,

127.782

■ 13, 26.637,
127.782

■ 3, 26.637, 127.782

■ 93, 26.637,
127.782

■ 93, 26.637,
127.782

■ 92, 39.750,
127.291

■ 94, 13.425,
128.266

■ 91, 52.603,
126.808

■ 96, 0.217, 129.318

■ 90, 64.973,
126.376

■ 97, 7.461, 323.740

■ 97, 7.542, 324.663

■ 89, 76.531,
126.059

■ 88, 86.820,
125.952

■ 87, 95.272,
126.182

■ 87, 101.360,
126.873

■ 86, 105.087,
127.987

Harmonies

Complementary

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



93, 26.637, 127.782



82, 27.407, 309.676

Rectangle

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



93, 26.637, 127.782



93, 26.637, 177.782



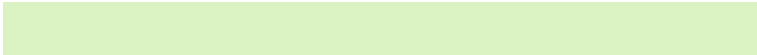
93, 26.637, 307.782



93, 26.637, 357.782

Sweetspot

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



93, 26.639, 127.784



99, 8.226, 128.464



88, 15.692, 71.116



53, 5.458, 128.433



0, 0.000, 0.000



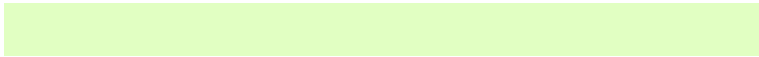
53, 0.007, 296.813

Same Dimension

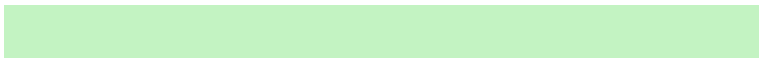
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 26.639, 127.784



97, 32.950, 127.593



91, 30.823, 142.726



51, 7.547, 128.299



68, 85.841, 127.714



21, 36.385, 126.452

Inverse Universe

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



82, 27.407, 309.676



83, 34.094, 309.882



84, 30.863, 325.078



47, 7.654, 309.136



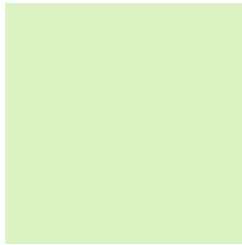
29, 98.724, 311.663



5, 41.463, 312.113

Previews

White Background



This preview shows how the CIELCh color 93, 26.637, 127.782 looks on a white background.

Color Contrast Check

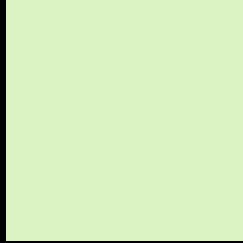
Large Text (above 18pt) WCAG AA × Fail

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 93, 26.637, 127.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

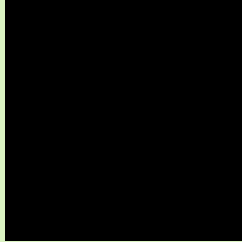
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

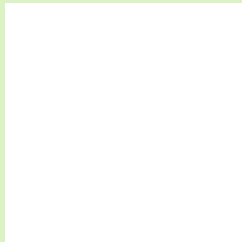
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 26.637, 127.782

Background



This preview shows how black text looks on a background with the CIELCh color 93, 26.637, 127.782.

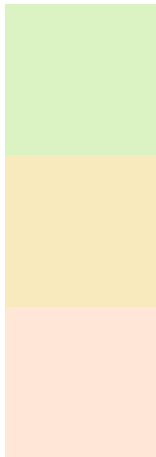


This preview shows how white text looks on a background with the CIELCh color 93, 26.637, 127.782.

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](#).

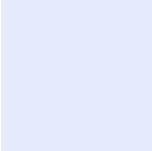
Dichromacy



Original Color
93, 26.637, 127.782

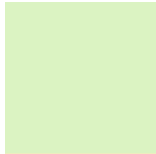
Protanopia
93, 23.295, 94.045

Deuteranopia
93, 12.092, 59.327

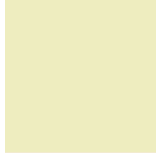


Tritanopia
93, 9.548, 276.450

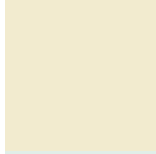
Trichromacy



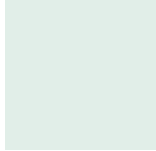
Original Color
93, 26.637, 127.782



Protanomaly
93, 23.543, 107.365

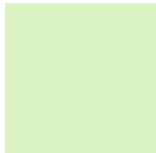


Deuteranomaly
93, 14.603, 98.729

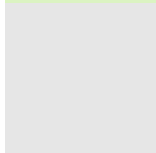


Tritanomaly
93, 5.566, 165.397

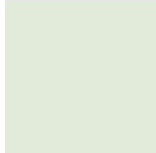
Monochromacy



Original Color
93, 26.637, 127.782



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 9.857, 128.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 26.637, 127.782 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(219, 243, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 243, 194)  
}
```

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(219, 243, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 243, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 26.637, 127.782 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(219, 243, 194) }
```

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

```
.border{ border-color:rgb(219, 243, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 243, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 243, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 243, 194); box-shadow:4px 4px 4px 4px rgb(219, 243, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 26.637, 127.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 243, 194) }
```

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

```
.background{ background-color: rgb(219,  
243, 194) }
```

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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