

Converting Colors

CIELCh(93, 19.218, 122.656)

Have a look what the booklet for
CIELCh(93, 19.218, 122.656)
contains.

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Color

CIELCh(93, 19.091, 123.291)

Conversions

Conversions Part 1

Format	Color
Hex	E3F0CC
RGB	227, 240, 204
RGB Percent	89%, 94%, 80%
CMY	0.1100, 0.0590, 0.2002
CMYK	0.05, 0.00, 0.15, 0.06
HSL	82°, 54%, 87%
HSV	82°, 15%, 94%
XYZ	73.6980, 82.9670, 69.2231
YIQ	232.0090, 3.8080, -13.9520

Conversions

Conversions Part 2

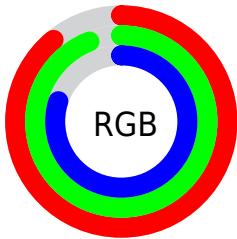
Format	Color
RYB	204, 240, 217
Decimal	14938316
CIELab	93.00, -10.48, 15.96
CIELCh	93, 19.091, 123.291
Yxy	82.9670, 0.3263, 0.3673
Android (android.graphics.Color)	4293128396 (0xFFE3F0CC)
YUV	232.0090, -13.8084, -4.3929
Hunter-Lab	91.0862, -14.9763, 18.7016

Details

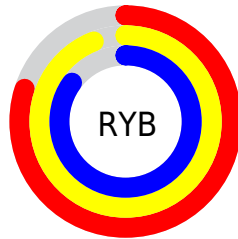
The CIELCh color **93, 19.091, 123.291** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 19.609, 304.916**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 19.022, 123.926** is the 20% darker color. If you saturate the color by 10%, you get **92, 31.747, 122.747**, and if you desaturate by 10%, it is **94, 6.362, 123.835**.

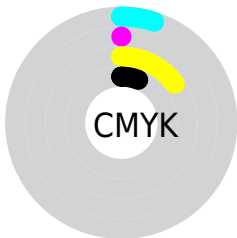
Distribution



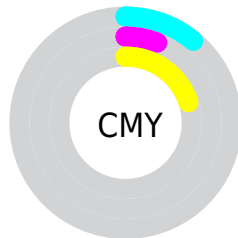
- Red (89%)
- Green (94%)
- Blue (80%)



- Red (80%)
- Yellow (94%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)





- Cyan (11%)
- Magenta (6%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 19.091, 123.291 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, 19.091, 123.291 by changing the saturation by 10% instead.


 93, 19.091,
123.291


 93, 19.091,
123.291


 100, 19.091,
123.291


 83, 19.091,
123.291

 73, 19.091,
123.291

 63, 19.091,
123.291

 53, 19.091,
123.291

 43, 19.091,
123.291

 33, 19.091,
123.291

 23, 19.091,

123.291

■ 13, 19.091,
123.291

■ 3, 19.091, 123.291

■ 93, 19.091,
123.291

■ 93, 19.091,
123.291

■ 92, 31.747,
122.747

■ 94, 6.362, 123.835

■ 91, 44.205,
122.207

■ 95, 6.364, 304.318

■ 96, 8.996, 320.927

■ 90, 56.290,
121.707

■ 96, 9.381, 324.735

■ 89, 67.742,
121.296

■ 88, 78.180,
121.049

■ 88, 87.092,
121.070

■ 87, 93.908,
121.482

■ 87, 98.246,
122.381

■ 87, 99.713,
122.962

Harmonies

Complementary

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



93, 19.091, 123.291



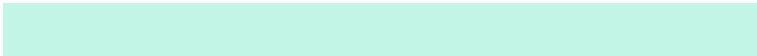
84, 19.609, 304.916

Rectangle

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



93, 19.091, 123.291



93, 19.091, 173.291



93, 19.091, 303.291



93, 19.091, 353.291

Sweetspot

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



93, 19.093, 123.294



99, 6.678, 123.835



88, 10.961, 56.444



53, 4.557, 123.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

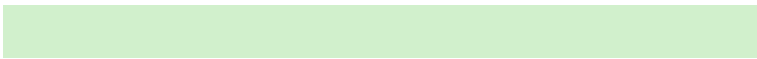
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 19.093, 123.294



98, 24.054, 123.128



92, 21.709, 139.529



50, 7.225, 123.594



68, 81.419, 122.695



21, 33.744, 121.641

Inverse Universe

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



84, 19.609, 304.916



86, 24.840, 305.107



86, 21.832, 320.971



46, 7.352, 304.586



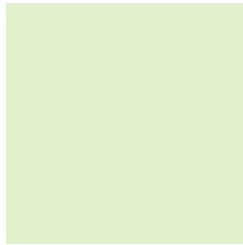
26, 100.333, 309.216



4, 39.046, 307.762

Previews

White Background



This preview shows how the CIELCh color 93, 19.091, 123.291 looks on a white background.

Color Contrast Check

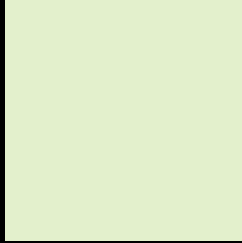
Large Text (above 18pt) WCAG AA × Fail

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, 19.091, 123.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

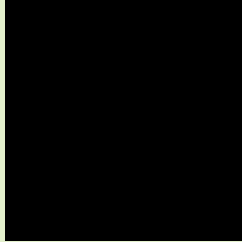
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

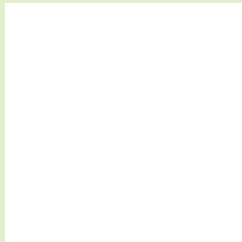
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 19.091, 123.291

Background



This preview shows how black text looks on a background with the CIELCh color 93, 19.091, 123.291.

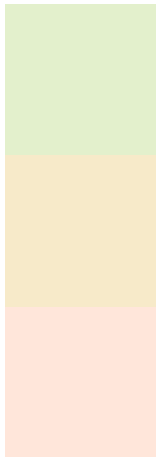


This preview shows how white text looks on a background with the CIELCh color 93, 19.091, 123.291.

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, 19.091, 123.291

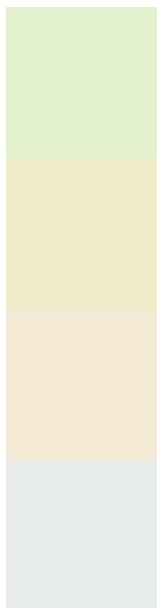
Protanopia
93, 17.639, 92.658

Deuteranopia
93, 11.126, 53.440



Tritanopia
93, 9.830, 292.957

Trichromacy



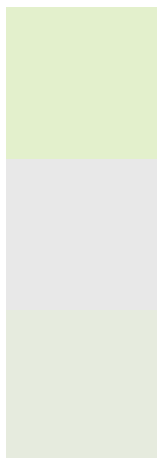
Original Color
93, 19.091, 123.291

Protanomaly
93, 17.498, 103.862

Deuteranomaly
93, 11.522, 88.608

Tritanomaly
93, 1.842, 183.376

Monochromacy



Original Color
93, 19.091, 123.291

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 6.946, 124.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 19.091, 123.291 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(227, 240, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 240, 204)  
}
```

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(227, 240, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 240, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 19.091, 123.291 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(227, 240, 204) }
```

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

```
.border{ border-color:rgb(227, 240, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 240, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 240, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 240, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 240,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 19.091, 123.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 240, 204) }
```

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

```
.background{ background-color: rgb(227,  
240, 204) }
```

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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