

Converting Colors

CIELCh(93, 15.305, 133.564)

Have a look what the booklet for
CIELCh(93, 15.305, 133.564)
contains.

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Color

CIELCh(93, 15.231, 132.994)

Conversions

Conversions Part 1

Format	Color
Hex	DFF0D5
RGB	223, 240, 213
RGB Percent	87%, 94%, 84%
CMY	0.1247, 0.0580, 0.1640
CMYK	0.07, 0.00, 0.11, 0.06
HSL	98°, 48%, 89%
HSV	98°, 11%, 94%
XYZ	73.7426, 82.9670, 75.2053
YIQ	231.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

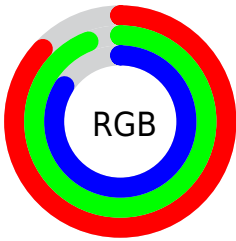
Format	Color
RYB	213, 240, 230
Decimal	14676181
CIELab	93.00, -10.39, 11.14
CIELCh	93, 15.231, 132.994
Yxy	82.9670, 0.3180, 0.3577
Android (android.graphics.Color)	4292866261 (0xFFDFF0D5)
YUV	231.8390, -9.2876, -7.7518
Hunter-Lab	91.0862, -14.8890, 14.8076

Details

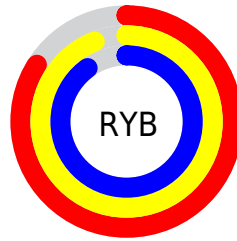
The CIELCh color **93, 15.231, 132.994** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 15.410, 313.927**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 15.369, 132.402** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.836, 132.518**, and if you desaturate by 10%, it is **95, 1.669, 133.525**.

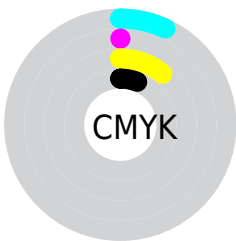
Distribution



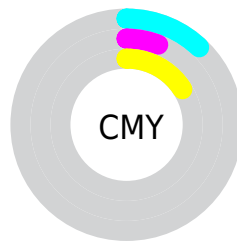
- Red (87%)
- Green (94%)
- Blue (84%)



- Red (84%)
- Yellow (94%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)





- Cyan (12%)
- Magenta (6%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 15.231, 132.994 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, 15.231, 132.994 by changing the saturation by 10% instead.


 93, 15.231,
132.994


 93, 15.231,
132.994


 100, 15.231,
132.994


 83, 15.231,
132.994

 73, 15.231,
132.994

 63, 15.231,
132.994

 53, 15.231,
132.994

 43, 15.231,
132.994

 33, 15.231,
132.994

 23, 15.231,

132.994

■ 13, 15.231,
132.994

■ 3, 15.231, 132.994

■ 93, 15.231,
132.994

■ 93, 15.231,
132.994

■ 91, 28.836,
132.518

■ 95, 1.669, 133.525

■ 90, 42.351,
132.013

■ 96, 8.930, 321.820

■ 96, 9.226, 324.729

■ 89, 55.600,
131.498

■ 88, 68.329,
131.012

■ 87, 80.183,
130.621

■ 86, 90.676,
130.422

■ 85, 99.223,
130.546

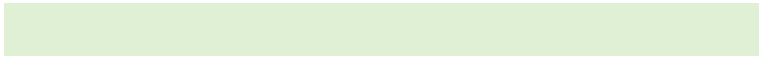
■ 85, 105.300,
131.112

■ 84, 108.678,
131.929

Harmonies

Complementary

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



93, 15.231, 132.994



87, 15.410, 313.927

Rectangle

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



93, 15.231, 132.994



93, 15.231, 182.994



93, 15.231, 312.994



93, 15.231, 2.994

Sweetspot

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



93, 15.233, 132.996



99, 4.245, 133.388



92, 9.384, 85.452



53, 3.221, 133.344



0, 0.000, 0.000



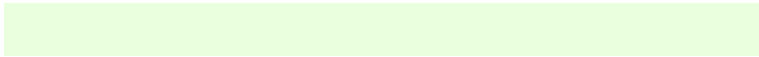
53, 0.007, 296.813

Same Dimension

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



93, 15.233, 132.996



98, 18.498, 132.913



92, 15.733, 147.095



49, 7.680, 133.078



66, 88.595, 131.684



20, 36.486, 130.956

Inverse Universe

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



87, 15.410, 313.927



91, 18.741, 314.007



88, 15.765, 328.424



47, 7.758, 313.848



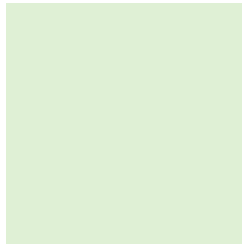
32, 94.852, 315.247



6, 40.023, 316.236

Previews

White Background



This preview shows how the CIELCh color 93, 15.231, 132.994 looks on a white background.

Color Contrast Check

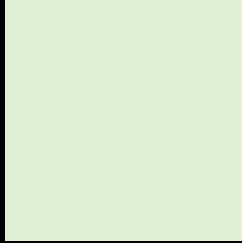
Large Text (above 18pt) WCAG AA × Fail

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 93, 15.231, 132.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

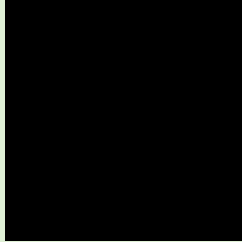
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

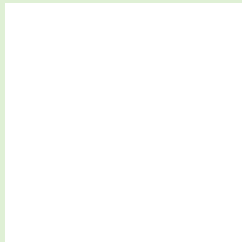
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 15.231, 132.994

Background



This preview shows how black text looks on a background with the CIELCh color 93, 15.231, 132.994.

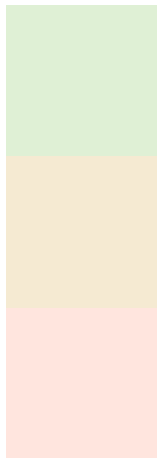


This preview shows how white text looks on a background with the CIELCh color 93, 15.231, 132.994.

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

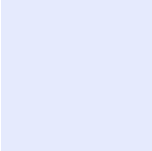
93, 15.231, 132.994

Protanopia

93, 12.983, 90.814

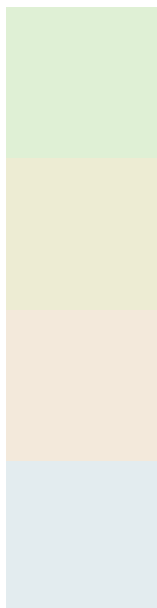
Deuteranopia

93, 10.214, 40.529



Tritanopia
93, 9.929, 281.070

Trichromacy



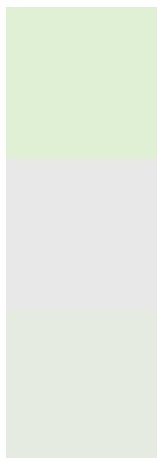
Original Color
93, 15.231, 132.994

Protanomaly
93, 12.839, 107.502

Deuteranomaly
93, 8.061, 82.570

Tritanomaly
93, 3.481, 225.835

Monochromacy



Original Color
93, 15.231, 132.994

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.600, 132.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 15.231, 132.994 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(223, 240, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 213)  
}
```

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(223, 240, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 15.231, 132.994 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(223, 240, 213) }
```

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

```
.border{ border-color:rgb(223, 240, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 15.231, 132.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 213) }
```

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

```
.background{ background-color: rgb(223,  
240, 213) }
```

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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