

Converting Colors

CIECh(93, 10.105, 148.433)

Have a look what the booklet for
CIELCh(93, 10.105, 148.433)
contains.

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Color

CIELCh(93, 10.501, 147.185)

Conversions

Conversions Part 1

Format	Color
Hex	DEF0E0
RGB	222, 240, 224
RGB Percent	87%, 94%, 88%
CMY	0.1307, 0.0601, 0.1228
CMYK	0.08, 0.00, 0.07, 0.06
HSL	127°, 37%, 90%
HSV	127°, 8%, 94%
XYZ	74.4968, 82.9670, 82.3764
YIQ	232.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

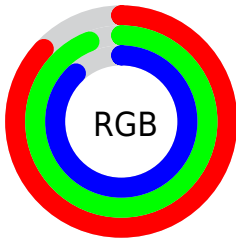
Format	Color
R _Y B	222, 238, 240
Decimal	14610656
CIE Lab	93.00, -8.83, 5.69
CIE LCh	93, 10.501, 147.185
Yxy	82.9670, 0.3106, 0.3459
Android (android.graphics.Color)	4292800736 (0xFFDEF0E0)
YUV	232.7940, -4.3354, -9.4663
Hunter-Lab	91.0862, -13.4109, 10.1398

Details

The CIELCh color **93, 10.501, 147.185** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90, 10.528, 328.019**, 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, 10.389, 147.276** is the 20% darker color. If you saturate the color by 10%, you get **91, 24.624, 146.465**, and if you desaturate by 10%, it is **95, 3.467, 327.658**.

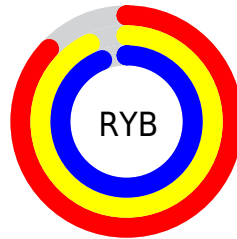
Distribution



Red (87%)

Green (94%)

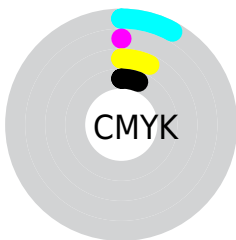
Blue (88%)



Red (87%)

Yellow (93%)

Blue (94%)

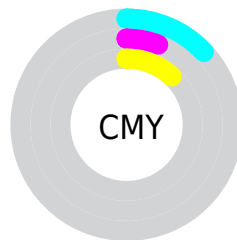


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (13%)


Magenta (6%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.501, 147.185 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, 10.501, 147.185 by changing the saturation by 10% instead.


 93, 10.501,
147.185


 93, 10.501,
147.185


 100, 10.501,
147.185


 83, 10.501,
147.185

 73, 10.501,
147.185

 63, 10.501,
147.185

 53, 10.501,
147.185

 43, 10.501,
147.185

 33, 10.501,
147.185

 23, 10.501,

147.185

■ 13, 10.501,
147.185

■ 3, 10.501, 147.185

■ 93, 10.501,
147.185

■ 93, 10.501,
147.185

■ 91, 24.624,
146.465

■ 95, 3.467, 327.658

■ 89, 38.720,
145.639

■ 96, 9.555, 324.742

■ 88, 52.558,
144.681

■ 86, 65.849,
143.578

■ 85, 78.247,
142.336

■ 84, 89.365,
140.979

■ 84, 98.790,
139.573

■ 83, 106.121,
138.224

■ 83, 111.061,
137.078

Harmonies

Complementary

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



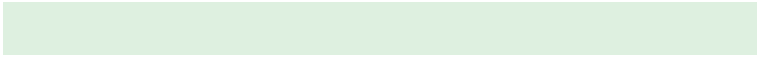
93, 10.501, 147.185



90, 10.528, 328.019

Rectangle

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



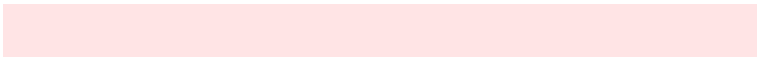
93, 10.501, 147.185



93, 10.501, 197.185



93, 10.501, 327.185



93, 10.501, 17.185

Sweetspot

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



93, 10.503, 147.185



100, 2.922, 147.612



94, 9.250, 113.496



53, 1.661, 147.624



0, 0.000, 0.000



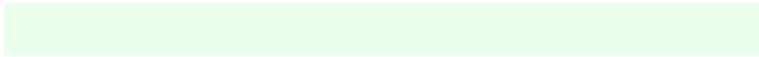
53, 0.007, 296.813

Same Dimension

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



93, 10.503, 147.185



98, 13.251, 147.080



93, 7.381, 168.812



49, 7.959, 147.049



65, 91.262, 137.053



19, 37.498, 139.848

Inverse Universe

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



90, 10.528, 328.019



94, 13.280, 328.114



90, 7.498, 350.027



47, 7.976, 328.141



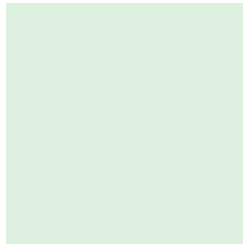
42, 82.766, 333.213



10, 36.569, 332.447

Previews

White Background



This preview shows how the CIELCh color 93, 10.501, 147.185 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, 10.501, 147.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

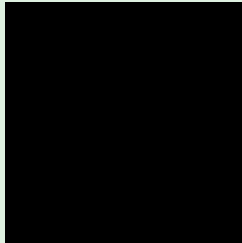
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

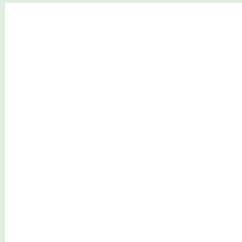
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.501, 147.185

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.501, 147.185.

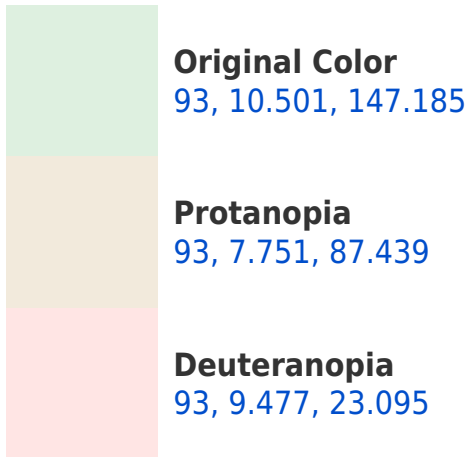


This preview shows how white text looks on a background with the CIELCh color 93, 10.501, 147.185.

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](#).

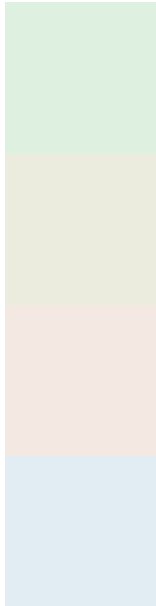
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



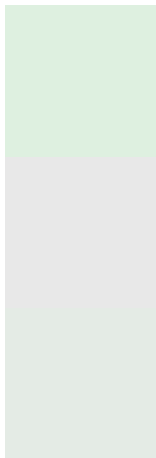
Original Color
93, 10.501, 147.185

Protanomaly
93, 7.718, 112.250

Deuteranomaly
93, 5.085, 64.476

Tritanomaly
93, 5.133, 236.454

Monochromacy



Original Color
93, 10.501, 147.185

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 3.990, 148.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 10.501, 147.185 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(222, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 224)  
}
```

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(222, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.501, 147.185 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(222, 240, 224) }
```

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

```
.border{ border-color:rgb(222, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.501, 147.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 240, 224) }
```

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

```
.background{ background-color: rgb(222,  
240, 224) }
```

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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