

Converting Colors

CIELCh(93, 14.768, 141.502)

Have a look what the booklet for
CIELCh(93, 14.768, 141.502)
contains.

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Color

CIELCh(93, 14.731, 141.668)

Conversions

Conversions Part 1

Format	Color
Hex	DBF1D9
RGB	219, 241, 217
RGB Percent	86%, 95%, 85%
CMY	0.1412, 0.0549, 0.1491
CMYK	0.09, 0.00, 0.10, 0.05
HSL	115°, 46%, 90%
HSV	115°, 10%, 95%
XYZ	73.1811, 82.9670, 77.7917
YIQ	231.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

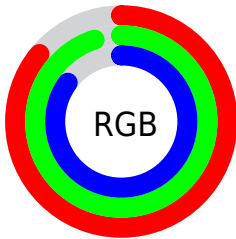
Format	Color
R_{YB}	217, 241, 239
Decimal	14414297
CIE Lab	93.00, -11.56, 9.14
CIE LCh	93, 14.731, 141.668
Yxy	82.9670, 0.3128, 0.3547
Android (android.graphics.Color)	4292604377 (0xFFDBF1D9)
YUV	231.6860, -7.2402, -11.1256
Hunter-Lab	91.0862, -15.9893, 13.1241

Details

The CIELCh color **93, 14.731, 141.668** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 14.778, 322.659**, 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, 14.838, 141.433** is the 20% darker color. If you saturate the color by 10%, you get **91, 29.652, 141.037**, and if you desaturate by 10%, it is **95, 0.069, 318.189**.

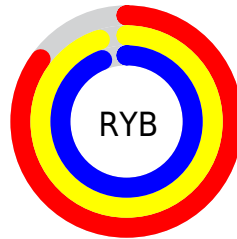
Distribution



Red (86%)

Green (95%)

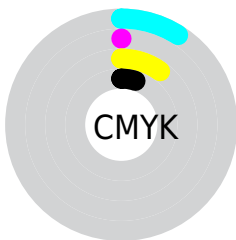
Blue (85%)



Red (85%)

Yellow (95%)

Blue (94%)

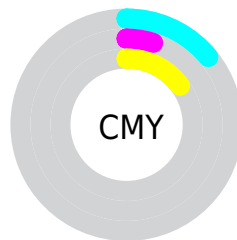


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (5%)



Cyan (14%)

Magenta (5%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 14.731, 141.668 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, 14.731, 141.668 by changing the saturation by 10% instead.

 93, 14.731,
141.668

 93, 14.731,
141.668

 100, 14.731,
141.668

 83, 14.731,
141.668


 73, 14.731,
141.668

 63, 14.731,
141.668

 53, 14.731,
141.668

 43, 14.731,
141.668

 33, 14.731,
141.668

 23, 14.731,

141.668

■ 13, 14.731,
141.668

■ 3, 14.731, 141.668

■ 93, 14.731,
141.668

■ 93, 14.731,
141.668

■ 91, 29.652,
141.037

■ 95, 0.069, 318.189

■ 89, 44.499,
140.315

■ 97, 8.732, 324.710

■ 88, 59.014,
139.502

■ 87, 72.857,
138.613

■ 85, 85.582,
137.694

■ 85, 96.637,
136.831

■ 84, 105.386,
136.150

■ 84, 111.267,
135.787

■ 83, 114.302,
135.731

Harmonies

Complementary

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



93, 14.731, 141.668



89, 14.778, 322.659

Rectangle

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



93, 14.731, 141.668



93, 14.731, 191.668



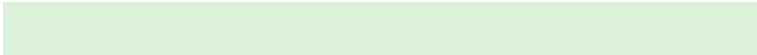
93, 14.731, 321.668



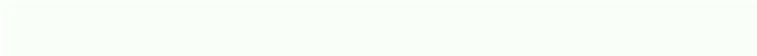
93, 14.731, 11.668

Sweetspot

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



93, 14.733, 141.669



99, 4.616, 142.092



94, 11.290, 105.559



53, 3.503, 142.037



0, 0.000, 0.000



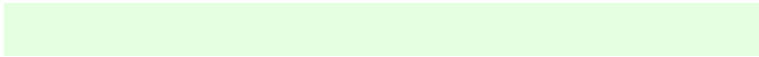
53, 0.007, 296.813

Same Dimension

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



93, 14.733, 141.669



97, 18.606, 141.544



93, 11.210, 158.674



49, 8.366, 141.698



65, 93.117, 135.650



20, 38.972, 136.493

Inverse Universe

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



89, 14.778, 322.659



92, 18.664, 322.766



89, 11.313, 340.155



47, 8.391, 322.634



41, 90.766, 324.991



9, 39.585, 325.434

Previews

White Background



This preview shows how the CIELCh color 93, 14.731, 141.668 looks on a white background.

Color Contrast Check

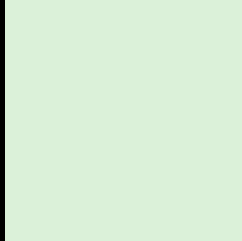
Large Text (above 18pt) WCAG AA × Fail

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, 14.731, 141.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

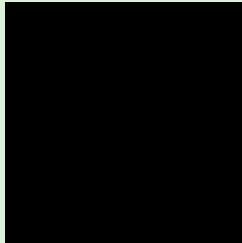
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

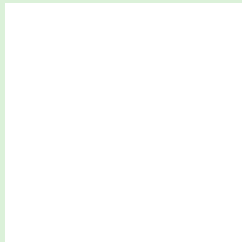
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 14.731, 141.668

Background



This preview shows how black text looks on a background with the CIELCh color 93, 14.731, 141.668.

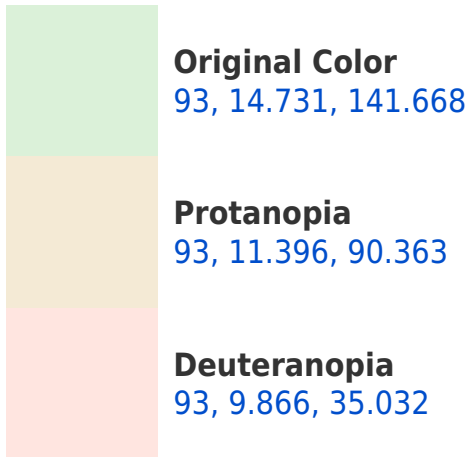


This preview shows how white text looks on a background with the CIELCh color 93, 14.731, 141.668.

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](#).

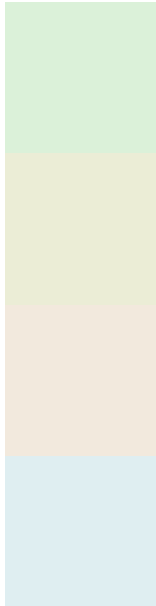
Dichromacy





Tritanopia
93, 9.934, 268.863

Trichromacy



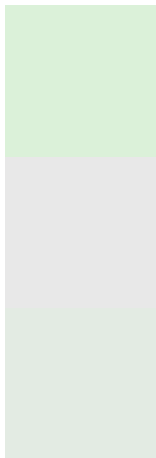
Original Color
93, 14.731, 141.668

Protanomaly
93, 11.834, 112.787

Deuteranomaly
93, 6.973, 81.584

Tritanomaly
93, 5.395, 215.888

Monochromacy



Original Color
93, 14.731, 141.668

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 5.039, 144.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 14.731, 141.668 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, 241, 217)` looks like.

```
.text, #text, p{  
    color:rgb(219, 241, 217)  
}
```

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, 241, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 241, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 14.731, 141.668 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, 241, 217) }
```

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

```
.border{ border-color:rgb(219, 241, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 241, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(219, 241,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 14.731, 141.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 241, 217) }
```

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

```
.background{ background-color: rgb(219,  
241, 217) }
```

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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