

Converting Colors

CIELCh(93, 13.141, 147.523)

Have a look what the booklet for
CIELCh(93, 13.141, 147.523)
contains.

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Color

CIELCh(93, 13.245, 147.641)

Conversions

Conversions Part 1

Format	Color
Hex	DAF1DD
RGB	218, 241, 221
RGB Percent	85%, 95%, 87%
CMY	0.1454, 0.0552, 0.1337
CMYK	0.10, 0.00, 0.08, 0.06
HSL	128°, 45%, 90%
HSV	128°, 10%, 94%
XYZ	73.3571, 82.9670, 80.4948
YIQ	231.8430, -7.2880, -11.0960

Conversions

Conversions Part 2

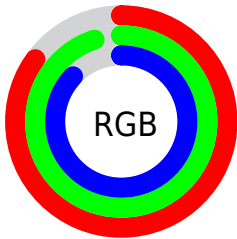
Format	Color
R _Y B	218, 238, 241
Decimal	14348765
CIE Lab	93.00, -11.19, 7.09
CIE LCh	93, 13.245, 147.641
Yxy	82.9670, 0.3098, 0.3503
Android (android.graphics.Color)	4292538845 (0xFFDAF1DD)
YUV	231.8430, -5.3456, -12.1403
Hunter-Lab	91.0862, -15.6443, 11.3645

Details

The CIELCh color **93, 13.245, 147.641** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 13.278, 328.755**, 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, 13.275, 147.675** is the 20% darker color. If you saturate the color by 10%, you get **91, 27.244, 146.896**, and if you desaturate by 10%, it is **95, 0.633, 327.714**.

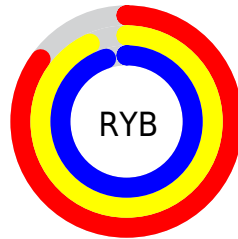
Distribution



Red (85%)

Green (95%)

Blue (87%)



Red (85%)

Yellow (93%)

Blue (95%)

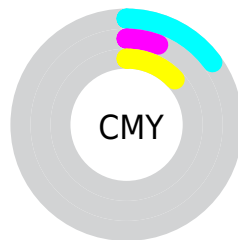


Cyan (10%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (15%)


Magenta (6%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 13.245, 147.641 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, 13.245, 147.641 by changing the saturation by 10% instead.


 93, 13.245,
147.641


 93, 13.245,
147.641


 100, 13.245,
147.641


 83, 13.245,
147.641


 73, 13.245,
147.641

 63, 13.245,
147.641

 53, 13.245,
147.641

 43, 13.245,
147.641

 33, 13.245,
147.641

 23, 13.245,

147.641

■ 13, 13.245,
147.641

■ 3, 13.245, 147.641

■ 93, 13.245,
147.641

■ 93, 13.245,
147.641

■ 91, 27.244,
146.896

■ 95, 0.633, 327.714

■ 89, 41.174,
146.038

■ 97, 8.777, 324.712

■ 88, 54.800,
145.042

■ 86, 67.828,
143.898

■ 85, 79.918,
142.609

■ 85, 90.698,
141.203

■ 84, 99.782,
139.743

■ 84, 106.808,
138.336

■ 83, 111.562,
137.151

Harmonies

Complementary

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



93, 13.245, 147.641



89, 13.278, 328.755

Rectangle

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



93, 13.245, 147.641



93, 13.245, 197.641



93, 13.245, 327.641



93, 13.245, 17.641

Sweetspot

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



93, 13.247, 147.641



99, 4.332, 148.116



94, 11.820, 114.004



53, 3.287, 148.049



0, 0.000, 0.000



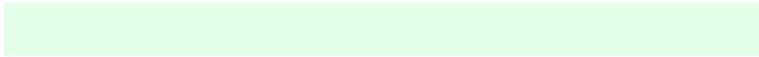
53, 0.007, 296.813

Same Dimension

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



93, 13.247, 147.641



97, 15.997, 147.536



93, 9.315, 169.639



49, 7.851, 147.646



65, 90.675, 137.321



19, 37.125, 140.230

Inverse Universe

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



89, 13.278, 328.755



93, 16.033, 328.848



89, 9.509, 351.281



47, 7.869, 328.751



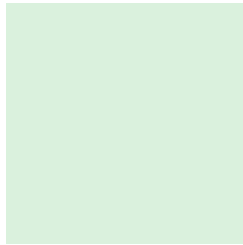
42, 81.532, 334.208



10, 36.097, 333.274

Previews

White Background



This preview shows how the CIE LCh color 93, 13.245, 147.641 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, 13.245, 147.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

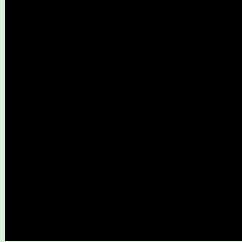
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

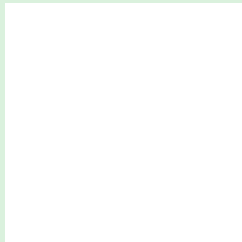
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 13.245, 147.641

Background



This preview shows how black text looks on a background with the CIELCh color 93, 13.245, 147.641.

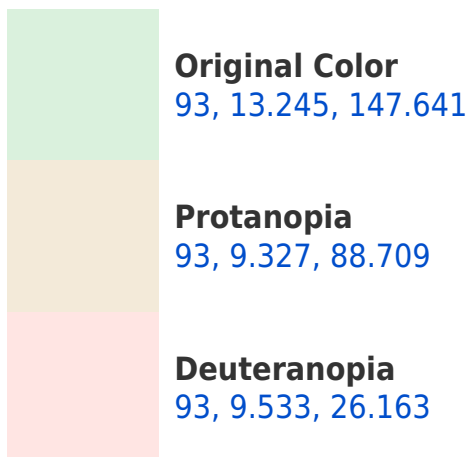


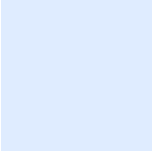
This preview shows how white text looks on a background with the CIELCh color 93, 13.245, 147.641.

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](#).

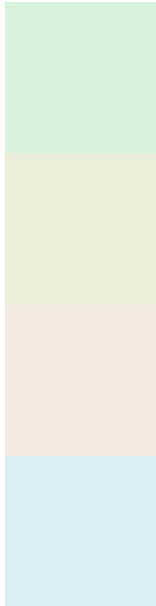
Dichromacy





Tritanopia
93, 10.652, 266.616

Trichromacy



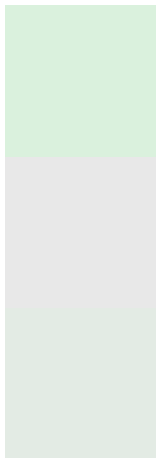
Original Color
93, 13.245, 147.641

Protanomaly
93, 9.826, 115.779

Deuteranomaly
93, 5.230, 71.252

Tritanomaly
93, 6.352, 223.158

Monochromacy



Original Color
93, 13.245, 147.641

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.621, 147.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 13.245, 147.641 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(218, 241, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 221)  
}
```

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(218, 241, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 13.245, 147.641 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(218, 241, 221) }
```

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

```
.border{ border-color:rgb(218, 241, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 13.245, 147.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 221) }
```

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

```
.background{ background-color: rgb(218,  
241, 221) }
```

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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