

Converting Colors

CIELCh(93, 11.771, 142.620)

Have a look what the booklet for
CIELCh(93, 11.771, 142.620)
contains.

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Color

CIELCh(93, 11.771, 142.620)

Conversions

Conversions Part 1

Format	Color
Hex	DEF0DD
RGB	222, 240, 221
RGB Percent	87%, 94%, 87%
CMY	0.1299, 0.0593, 0.1338
CMYK	0.08, 0.00, 0.08, 0.06
HSL	117°, 39%, 90%
HSV	117°, 8%, 94%
XYZ	74.2410, 82.9670, 80.4186
YIQ	232.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

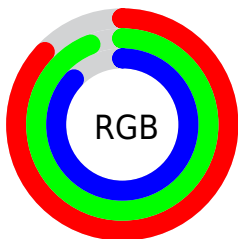
Format	Color
RYB	221, 240, 239
Decimal	14610653
CIELab	93.00, -9.35, 7.15
CIELCh	93, 11.771, 142.620
Yxy	82.9670, 0.3124, 0.3491
Android (android.graphics.Color)	4292800733 (0xFFDEF0DD)
YUV	232.4520, -5.6458, -9.1664
Hunter-Lab	91.0862, -13.9122, 11.4142

Details

The CIELCh color **93, 11.771, 142.620** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90, 11.803, 323.414**, 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, 11.724, 142.437** is the 20% darker color. If you saturate the color by 10%, you get **91, 26.776, 141.977**, and if you desaturate by 10%, it is **95, 3.077, 323.041**.

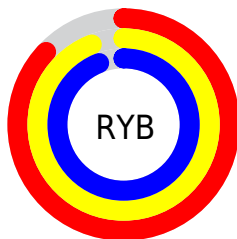
Distribution



Red (87%)

Green (94%)

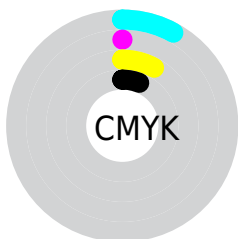
Blue (87%)



Red (87%)

Yellow (94%)

Blue (94%)

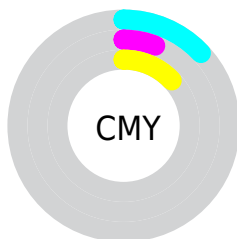


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (13%)


Magenta (6%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 11.771, 142.620 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, 11.771, 142.620 by changing the saturation by 10% instead.


 93, 11.771,
142.620


 93, 11.771,
142.620


 100, 11.771,
142.620


 83, 11.771,
142.620

 73, 11.771,
142.620

 63, 11.771,
142.620

 53, 11.771,
142.620

 43, 11.771,
142.620

 33, 11.771,
142.620

 23, 11.771,

142.620

■ 13, 11.771,
142.620

■ 3, 11.771, 142.620

■ 93, 11.771,
142.620

■ 93, 11.771,
142.620

■ 91, 26.776,
141.977

■ 95, 3.077, 323.041

■ 89, 41.744,
141.240

■ 96, 9.428, 324.737

■ 88, 56.422,
140.400

■ 86, 70.472,
139.465

■ 85, 83.458,
138.473

■ 84, 94.841,
137.498

■ 84, 103.996,
136.662

■ 83, 110.335,
136.106

■ 83, 113.650,
135.902

Harmonies

Complementary

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



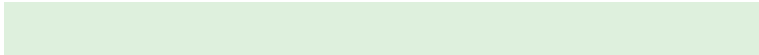
93, 11.771, 142.620



90, 11.803, 323.414

Rectangle

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



93, 11.771, 142.620



93, 11.771, 192.620



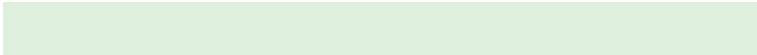
93, 11.771, 322.620



93, 11.771, 12.620

Sweetspot

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



93, 11.773, 142.621



100, 3.102, 143.020



94, 9.098, 106.548



53, 1.763, 143.030



0, 0.000, 0.000



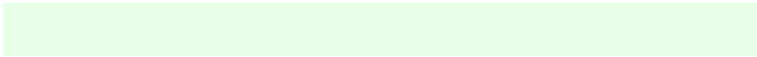
53, 0.007, 296.813

Same Dimension

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



93, 11.773, 142.621



98, 15.641, 142.491



93, 8.767, 159.651



49, 8.449, 142.525



65, 93.305, 135.797



19, 39.227, 136.976

Inverse Universe

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



90, 11.803, 323.414



94, 15.678, 323.528



90, 8.842, 340.797



47, 8.470, 323.498



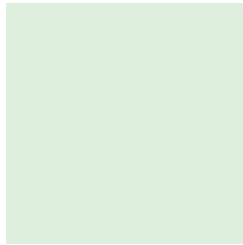
42, 90.550, 326.172



9, 39.510, 326.456

Previews

White Background



This preview shows how the CIELCh color 93, 11.771, 142.620 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, 11.771, 142.620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

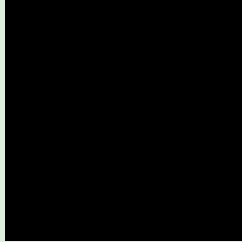
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

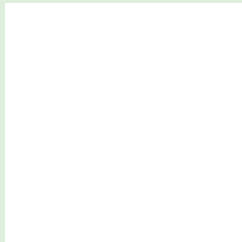
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.771, 142.620

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.771, 142.620.

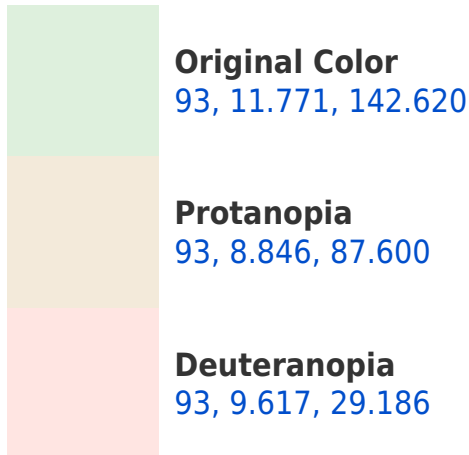


This preview shows how white text looks on a background with the CIELCh color 93, 11.771, 142.620.

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](#).

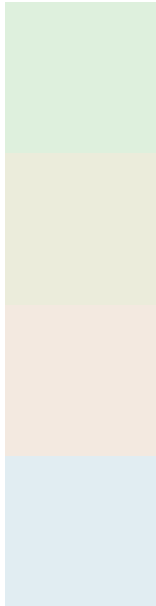
Dichromacy





Tritanopia
93, 10.125, 275.385

Trichromacy



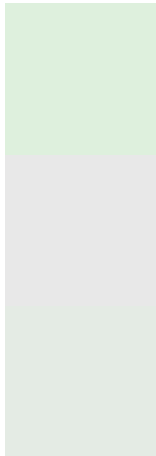
Original Color
93, 11.771, 142.620

Protanomaly
93, 8.744, 111.860

Deuteranomaly
93, 5.864, 71.511

Tritanomaly
93, 4.854, 231.446

Monochromacy



Original Color
93, 11.771, 142.620

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.406, 144.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.771, 142.620 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 240, 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(222, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 240, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.771, 142.620 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, 221) }
```

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

```
.border{ border-color:rgb(222, 240, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 240,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.771, 142.620 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, 221) }
```

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

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