

Converting Colors

CIELCh(93, 10.982, 162.816)

Have a look what the booklet for
CIELCh(93, 10.982, 162.816)
contains.

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Color

CIELCh(93, 11.144, 161.767)

Conversions

Conversions Part 1

Format	Color
Hex	D8F1E4
RGB	216, 241, 228
RGB Percent	85%, 95%, 89%
CMY	0.1536, 0.0556, 0.1066
CMYK	0.10, 0.00, 0.05, 0.06
HSL	149°, 47%, 90%
HSV	149°, 10%, 94%
XYZ	73.6472, 82.9670, 85.4015
YIQ	232.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

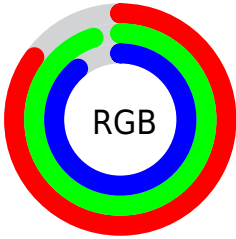
Format	Color
RYB	216, 233, 241
Decimal	14217700
CIELab	93.00, -10.58, 3.49
CIElCh	93, 11.144, 161.767
Yxy	82.9670, 0.3043, 0.3428
Android (android.graphics.Color)	4292407780 (0xFFD8F1E4)
YUV	232.0430, -1.9932, -14.0697
Hunter-Lab	91.0862, -15.0758, 8.1707

Details

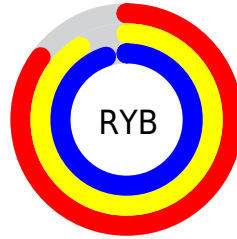
The CIELCh color **93, 11.144, 161.767** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 11.288, 343.407**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 11.081, 162.593** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.864, 160.816**, and if you desaturate by 10%, it is **95, 0.400, 163.700**.

Distribution



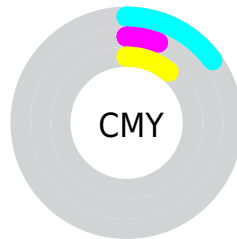
- Red (85%)
- Green (95%)
- Blue (89%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)





- Cyan (15%)
- Magenta (6%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 11.144, 161.767 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, 11.144, 161.767 by changing the saturation by 10% instead.


 93, 11.144,
161.767


 93, 11.144,
161.767


 100, 11.144,
161.767


 83, 11.144,
161.767

 73, 11.144,
161.767

 63, 11.144,
161.767

 53, 11.144,
161.767

 43, 11.144,
161.767

 33, 11.144,
161.767

 23, 11.144,

161.767

■ 13, 11.144,
161.767

■ 3, 11.144, 161.767

■ 93, 11.144,
161.767

■ 93, 11.144,
161.767

■ 91, 21.864,
160.816

■ 95, 0.400, 163.700

■ 90, 32.413,
159.770

■ 96, 7.964, 329.137

■ 97, 8.835, 324.714

■ 88, 42.626,
158.591

■ 87, 52.318,
157.255

■ 86, 61.304,
155.735

■ 85, 69.422,
154.011

■ 85, 76.564,
152.071

■ 84, 82.701,
149.925

■ 84, 87.787,
147.747

Harmonies

Complementary

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



93, 11.144, 161.767



89, 11.288, 343.407

Rectangle

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



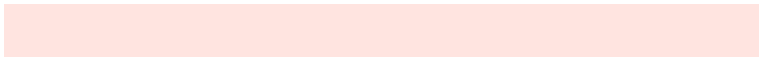
93, 11.144, 161.767



93, 11.144, 211.767



93, 11.144, 341.767



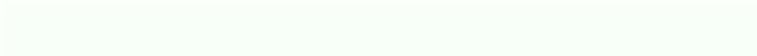
93, 11.144, 31.767

Sweetspot

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



93, 11.146, 161.763



99, 3.363, 162.487



94, 13.535, 127.428



53, 2.551, 162.391



0, 0.000, 0.000



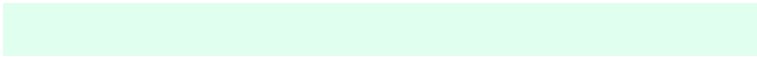
53, 0.007, 296.813

Same Dimension

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



93, 11.146, 161.763



97, 13.498, 161.611



93, 8.634, 196.046



49, 6.077, 161.846



66, 70.994, 148.171



20, 28.720, 151.936

Inverse Universe

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



89, 11.288, 343.407



92, 13.693, 343.558



88, 9.187, 17.320



47, 6.149, 343.325



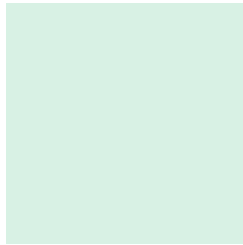
40, 66.473, 0.087



8, 29.642, 354.035

Previews

White Background



This preview shows how the CIELCh color 93, 11.144, 161.767 looks on a white background.

Color Contrast Check

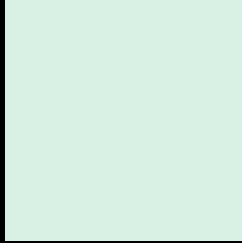
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 11.144, 161.767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

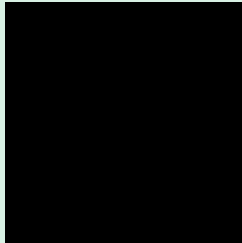
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

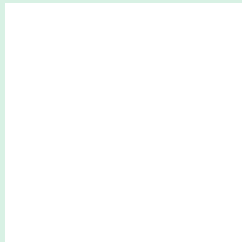
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 11.144, 161.767

Background



This preview shows how black text looks on a background with the CIELCh color 93, 11.144, 161.767.

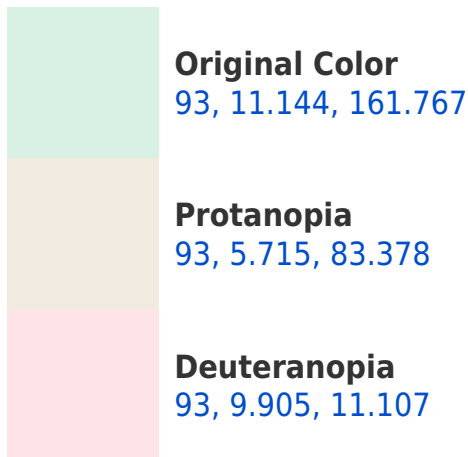


This preview shows how white text looks on a background with the CIELCh color 93, 11.144, 161.767.

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](#).

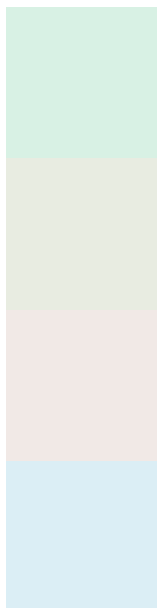
Dichromacy





Tritanopia
93, 10.626, 260.419

Trichromacy



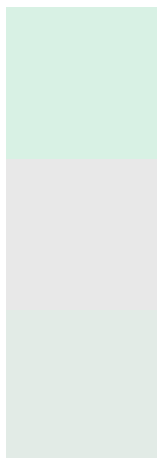
Original Color
93, 11.144, 161.767

Protanomaly
93, 5.848, 123.945

Deuteranomaly
93, 3.246, 47.760

Tritanomaly
93, 7.374, 228.511

Monochromacy



Original Color
93, 11.144, 161.767

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 4.125, 160.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 11.144, 161.767 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(216, 241, 228)` looks like.

```
.text, #text, p{  
    color:rgb(216, 241, 228)  
}
```

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(216, 241, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 241, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 11.144, 161.767 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(216, 241, 228) }
```

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

```
.border{ border-color:rgb(216, 241, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 241, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 241, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 241, 228);  
box-shadow:4px 4px 4px 4px rgb(216, 241,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 11.144, 161.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 241, 228) }
```

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

```
.background{ background-color: rgb(216,  
241, 228) }
```

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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