

Converting Colors

CIELCh(93, 10.843, 161.033)

Have a look what the booklet for
CIELCh(93, 10.843, 161.033)
contains.

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Color

CIELCh(93, 10.869, 160.701)

Conversions

Conversions Part 1

Format	Color
Hex	D9F1E4
RGB	217, 241, 228
RGB Percent	85%, 95%, 89%
CMY	0.1504, 0.0563, 0.1073
CMYK	0.10, 0.00, 0.05, 0.06
HSL	147°, 46%, 90%
HSV	147°, 10%, 94%
XYZ	73.8043, 82.9670, 85.2552
YIQ	232.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

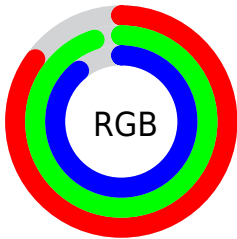
Format	Color
R _Y B	217, 233, 241
Decimal	14283236
CIE Lab	93.00, -10.26, 3.59
CIE LCh	93, 10.869, 160.701
Yxy	82.9670, 0.3049, 0.3428
Android (android.graphics.Color)	4292473316 (0xFFD9F1E4)
YUV	232.3420, -2.1406, -13.4549
Hunter-Lab	91.0862, -14.7680, 8.2659

Details

The CIELCh color **93, 10.869, 160.701** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **89, 10.993, 342.237**, 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, 10.790, 161.507** is the 20% darker color. If you saturate the color by 10%, you get **91, 21.770, 159.767**, and if you desaturate by 10%, it is **95, 0.039, 329.777**.

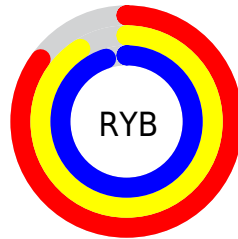
Distribution



Red (85%)

Green (95%)

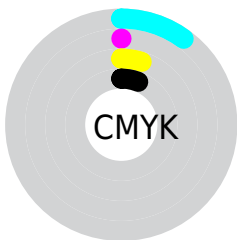
Blue (89%)



Red (85%)

Yellow (91%)

Blue (95%)

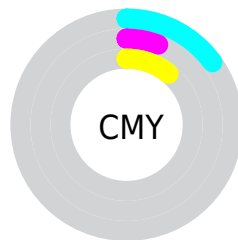


Cyan (10%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (15%)


Magenta (6%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 10.869, 160.701 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, 10.869, 160.701 by changing the saturation by 10% instead.


 93, 10.869,
160.701


 93, 10.869,
160.701


 100, 10.869,
160.701


 83, 10.869,
160.701

 73, 10.869,
160.701

 63, 10.869,
160.701

 53, 10.869,
160.701

 43, 10.869,
160.701

 33, 10.869,
160.701

 23, 10.869,

160.701

■ 13, 10.869,
160.701

■ 3, 10.869, 160.701

■ 93, 10.869,
160.701

■ 93, 10.869,
160.701

■ 91, 21.770,
159.767

■ 95, 0.039, 329.777

■ 90, 32.519,
158.737

■ 96, 8.418, 327.262

■ 96, 8.955, 324.719

■ 88, 42.947,
157.575

■ 87, 52.869,
156.253

■ 86, 62.093,
154.748

■ 85, 70.451,
153.038

■ 85, 77.824,
151.114

■ 84, 84.171,
148.987

■ 84, 89.617,
146.742

Harmonies

Complementary

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



93, 10.869, 160.701



89, 10.993, 342.237

Rectangle

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



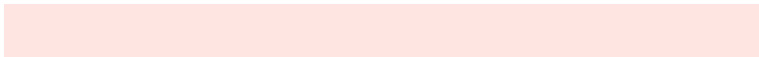
93, 10.869, 160.701



93, 10.869, 210.701



93, 10.869, 340.701



93, 10.869, 30.701

Sweetspot

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



93, 10.871, 160.698



99, 3.416, 161.370



94, 12.946, 126.847



53, 2.591, 161.276



0, 0.000, 0.000



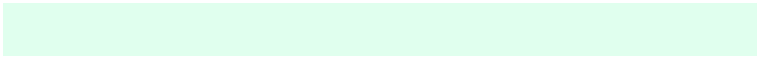
53, 0.007, 296.813

Same Dimension

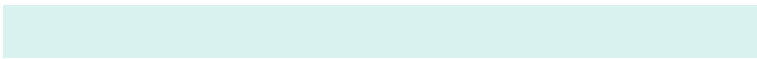
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 10.871, 160.698



97, 13.716, 160.511



93, 8.320, 194.654



49, 6.174, 160.742



66, 72.526, 147.156



20, 29.311, 150.904

Inverse Universe

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



89, 10.993, 342.237



92, 13.895, 342.421



89, 8.814, 15.939



47, 6.240, 342.193



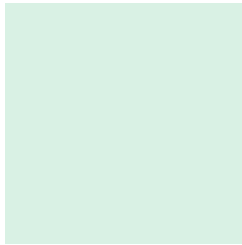
40, 66.841, 358.076



8, 29.883, 352.420

Previews

White Background



This preview shows how the CIE LCh color 93, 10.869, 160.701 looks on a white background.

Color Contrast Check

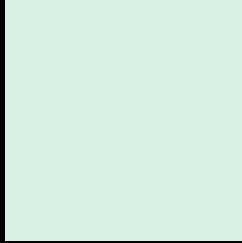
Large Text (above 18pt) WCAG AA × Fail

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, 10.869, 160.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

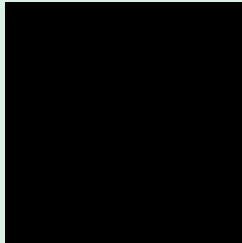
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

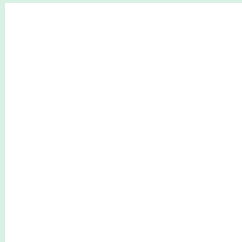
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 10.869, 160.701

Background



This preview shows how black text looks on a background with the CIELCh color 93, 10.869, 160.701.

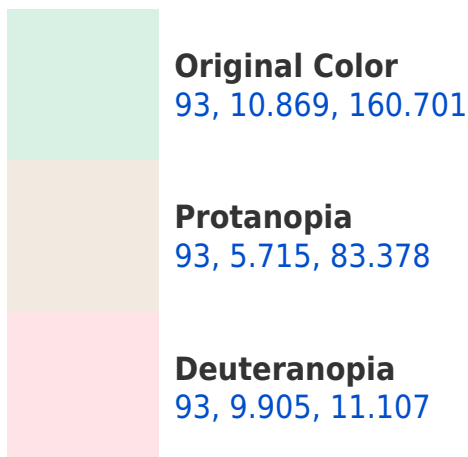


This preview shows how white text looks on a background with the CIELCh color 93, 10.869, 160.701.

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](#).

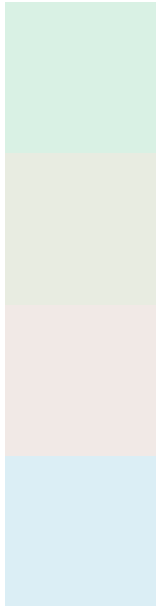
Dichromacy





Tritanopia
93, 10.927, 263.403

Trichromacy



Original Color
93, 10.869, 160.701

Protanomaly
93, 5.848, 123.945

Deuteranomaly
93, 3.246, 47.760

Tritanomaly
93, 7.374, 228.511

Monochromacy



Original Color
93, 10.869, 160.701

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, 10.869, 160.701 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(217, 241, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 241, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 241, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 10.869, 160.701 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(217, 241, 228) }
```

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

```
.border{ border-color:rgb(217, 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(217, 241, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 241, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 241, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 241,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 10.869, 160.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 241, 228) }
```

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

```
.background{ background-color: rgb(217,  
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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