

Converting Colors

CIELCh(93, 23.977, 152.219)

Have a look what the booklet for
CIELCh(93, 23.977, 152.219)
contains.

CIELCh(93, 23.707, 152.213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(93, 23.707, 152.213)

Conversions

Conversions Part 1

Format	Color
Hex	C8F6D5
RGB	200, 246, 213
RGB Percent	78%, 96%, 84%
CMY	0.2158, 0.0354, 0.1648
CMYK	0.19, 0.00, 0.13, 0.04
HSL	137°, 72%, 87%
HSV	137°, 19%, 96%
XYZ	68.7614, 82.9670, 75.3182
YIQ	228.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

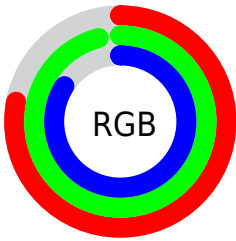
Format	Color
RYB	200, 236, 246
Decimal	13170389
CIELab	93.00, -20.97, 11.05
CIELCh	93, 23.707, 152.213
Yxy	82.9670, 0.3029, 0.3654
Android (android.graphics.Color)	4291360469 (0xFFC8F6D5)
YUV	228.4840, -7.6336, -24.9805
Hunter-Lab	91.0862, -24.6505, 14.7341

Details

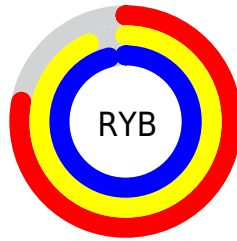
The CIELCh color **93, 23.707, 152.213** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 23.876, 334.873**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 24.236, 152.046** is the 20% darker color. If you saturate the color by 10%, you get **91, 36.361, 151.295**, and if you desaturate by 10%, it is **95, 10.990, 153.022**.

Distribution



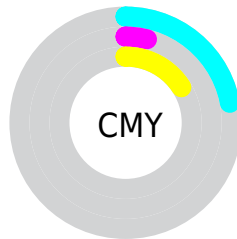
- Red (78%)
- Green (96%)
- Blue (84%)



- Red (78%)
- Yellow (93%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (22%)
- Magenta (4%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 23.707, 152.213 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, 23.707, 152.213 by changing the saturation by 10% instead.


 93, 23.707,
152.213


 93, 23.707,
152.213


 100, 23.707,
152.213


 83, 23.707,
152.213

 73, 23.707,
152.213

 63, 23.707,
152.213

 53, 23.707,
152.213

 43, 23.707,
152.213

 33, 23.707,
152.213

 23, 23.707,

152.213

■ 13, 23.707,
152.213

■ 3, 23.707, 152.213

■ 93, 23.707,
152.213

■ 93, 23.707,
152.213

■ 91, 36.361,
151.295

■ 95, 10.990,
153.022

■ 90, 48.751,
150.239

■ 97, 1.639, 333.439

■ 88, 60.648,
149.022

■ 98, 5.623, 324.582

■ 87, 71.801,
147.626

■ 86, 81.960,
146.043

■ 86, 90.904,
144.288

■ 85, 98.470,
142.403

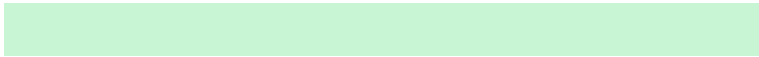
■ 85, 104.599,
140.495

■ 85, 105.312,
140.267

Harmonies

Complementary

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



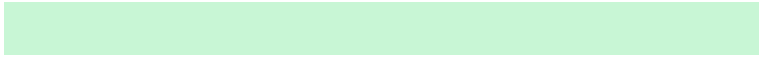
93, 23.707, 152.213



85, 23.876, 334.873

Rectangle

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



93, 23.707, 152.213



93, 23.707, 202.213



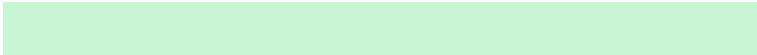
93, 23.707, 332.213



93, 23.707, 22.213

Sweetspot

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



93, 23.709, 152.212



99, 7.788, 153.233



95, 23.883, 119.396



52, 5.168, 153.181



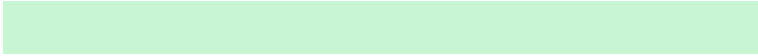
0, 0.000, 0.000



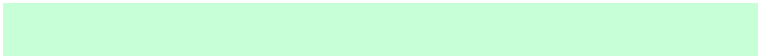
53, 0.007, 296.813

Same Dimension

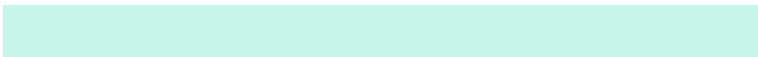
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 23.709, 152.212



95, 28.725, 151.920



94, 16.765, 179.021



50, 7.153, 152.961



66, 84.740, 140.618



21, 35.071, 143.767

Inverse Universe

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



85, 23.876, 334.873



86, 28.951, 335.123



85, 17.951, 2.639



48, 7.187, 334.201



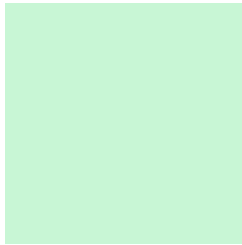
41, 73.689, 343.630



10, 33.610, 341.049

Previews

White Background



This preview shows how the CIE LCh color 93, 23.707, 152.213 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, 23.707, 152.213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

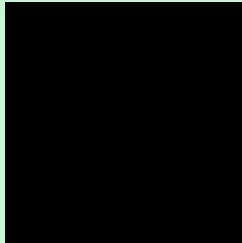
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

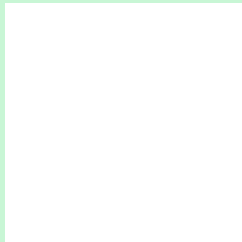
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 23.707, 152.213

Background



This preview shows how black text looks on a background with the CIELCh color 93, 23.707, 152.213.

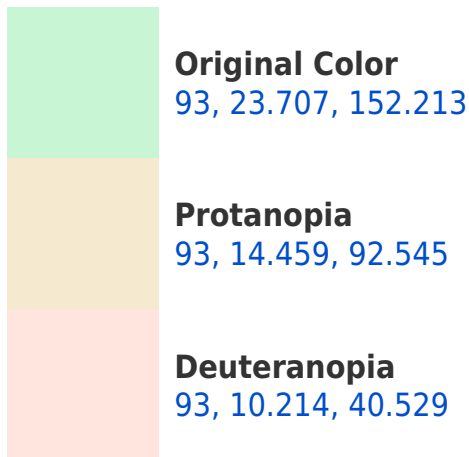


This preview shows how white text looks on a background with the CIELCh color 93, 23.707, 152.213.

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



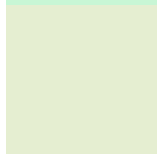


Tritanopia
93, 12.048, 242.435

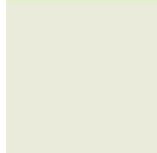
Trichromacy



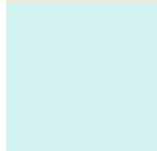
Original Color
93, 23.707, 152.213



Protanomaly
93, 15.271, 121.505



Deuteranomaly
93, 8.225, 109.514



Tritanomaly
93, 11.683, 193.603

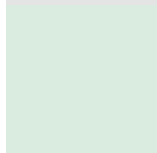
Monochromacy



Original Color
93, 23.707, 152.213



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 8.722, 153.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 23.707, 152.213 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(200, 246, 213)` looks like.

```
.text, #text, p{  
    color:rgb(200, 246, 213)  
}
```

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(200, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 246, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 23.707, 152.213 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(200, 246, 213) }
```

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

```
.border{ border-color:rgb(200, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(200, 246,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 23.707, 152.213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 246, 213) }
```

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

```
.background{ background-color: rgb(200,  
246, 213) }
```

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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