

Converting Colors

CIELCh(91, 23.051, 144.425)

Have a look what the booklet for
CIELCh(91, 23.051, 144.425)
contains.

CIELCh(91, 23.014, 144.208)	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(91, 23.014, 144.208)

Conversions

Conversions Part 1

Format	Color
Hex	CAEFCB
RGB	202, 239, 203
RGB Percent	79%, 94%, 80%
CMY	0.2084, 0.0633, 0.2045
CMYK	0.15, 0.00, 0.15, 0.06
HSL	122°, 53%, 86%
HSV	122°, 15%, 94%
XYZ	65.8997, 78.4833, 68.0824
YIQ	223.8330, -10.4960, -19.0400

Conversions

Conversions Part 2

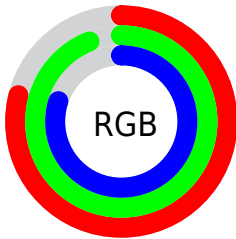
Format	Color
R_{YB}	202, 238, 239
Decimal	13299659
CIE _{Lab}	91.00, -18.67, 13.46
CIE _{LCh}	91, 23.014, 144.208
Yxy	78.4833, 0.3102, 0.3694
Android (android.graphics.Color)	4291489739 (0xFFCAEFCB)
YUV	223.8330, -10.2707, -19.1475
Hunter-Lab	88.5908, -22.2538, 16.4490

Details

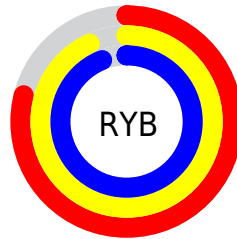
The CIELCh color **91, 23.014, 144.208** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 23.041, 326.022**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 22.888, 144.003** is the 20% darker color. If you saturate the color by 10%, you get **89, 37.940, 143.430**, and if you desaturate by 10%, it is **93, 8.105, 144.890**.

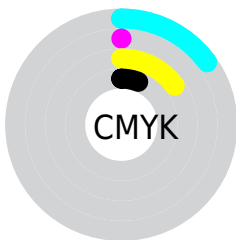
Distribution



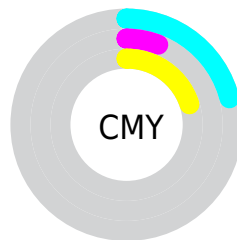
- Red (79%)
- Green (94%)
- Blue (80%)



- Red (79%)
- Yellow (93%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (6%)





- Cyan (21%)
- Magenta (6%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 23.014, 144.208 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 91, 23.014, 144.208 by changing the saturation by 10% instead.


 91, 23.014,
144.208


 91, 23.014,
144.208

 100, 23.014,
144.208


 81, 23.014,
144.208

 71, 23.014,
144.208

 61, 23.014,
144.208

 51, 23.014,
144.208

 41, 23.014,
144.208

 31, 23.014,
144.208

 21, 23.014,

144.208

■ 11, 23.014,
144.208

■ 1, 23.014, 144.208

■ 91, 23.014,
144.208

■ 91, 23.014,
144.208

■ 89, 37.940,
143.430

■ 93, 8.105, 144.890

■ 87, 52.625,
142.528

■ 95, 6.612, 325.364

■ 86, 66.746,
141.499

■ 96, 10.069,
324.761

■ 85, 79.896,
140.359

■ 84, 91.584,
139.159

■ 83, 101.258,
137.996

■ 83, 108.363,
137.007

■ 83, 112.534,
136.331

■ 83, 113.549,
136.175

Harmonies

Complementary

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



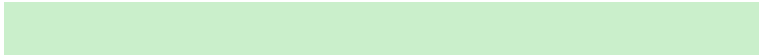
91, 23.014, 144.208



85, 23.041, 326.022

Rectangle

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



91, 23.014, 144.208



91, 23.014, 194.208



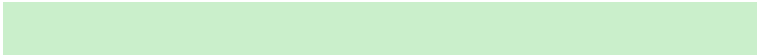
91, 23.014, 324.208



91, 23.014, 14.208

Sweetspot

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



91, 23.016, 144.208



99, 7.778, 144.922



94, 18.938, 109.370



53, 5.310, 144.874



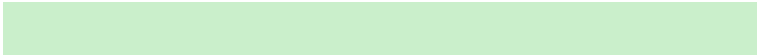
0, 0.000, 0.000



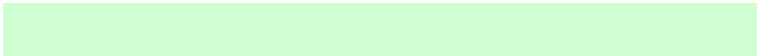
53, 0.007, 296.813

Same Dimension

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



91, 23.016, 144.208



96, 29.803, 143.943



91, 16.080, 163.226



49, 8.438, 144.625



65, 93.085, 136.237



19, 39.143, 138.278

Inverse Universe

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



85, 23.041, 326.022



88, 29.829, 326.224



85, 16.427, 345.896



47, 8.452, 325.677



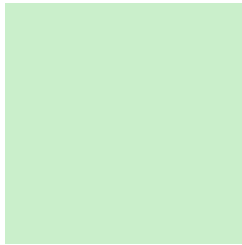
43, 88.404, 329.337



10, 38.706, 329.179

Previews

White Background



This preview shows how the CIELCh color 91, 23.014, 144.208 looks on a white background.

Color Contrast Check

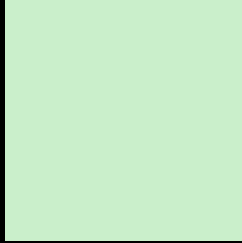
Large Text (above 18pt) WCAG AA × Fail

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 91, 23.014, 144.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

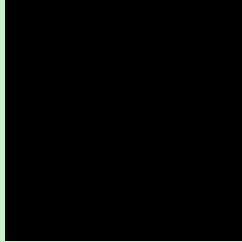
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

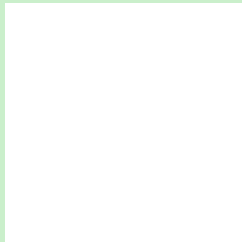
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 23.014, 144.208

Background



This preview shows how black text looks on a background with the CIELCh color 91, 23.014, 144.208.

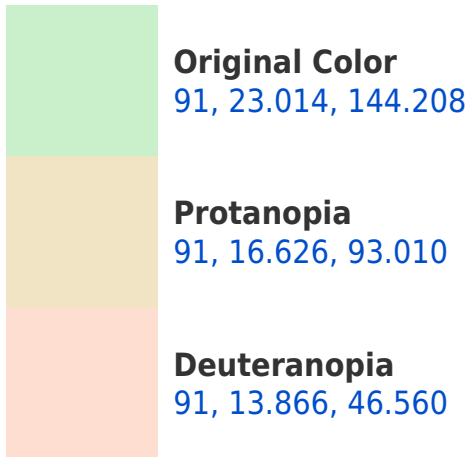


This preview shows how white text looks on a background with the CIELCh color 91, 23.014, 144.208.

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



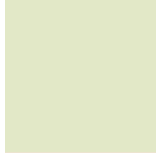


Tritanopia
91, 12.141, 253.593

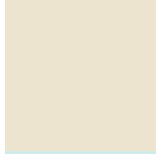
Trichromacy



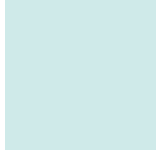
Original Color
91, 23.014, 144.208



Protanomaly
91, 17.160, 116.290



Deuteranomaly
91, 11.235, 93.942

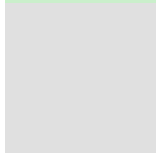


Tritanomaly
91, 9.355, 195.650

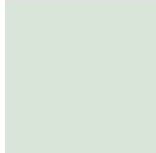
Monochromacy



Original Color
91, 23.014, 144.208



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 8.250, 144.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 23.014, 144.208 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(202, 239, 203)` looks like.

```
.text, #text, p{  
    color:rgb(202, 239, 203)  
}
```

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(202, 239, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 239, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 23.014, 144.208 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(202, 239, 203) }
```

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

```
.border{ border-color:rgb(202, 239, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 239, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 239, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 239, 203);  
box-shadow:4px 4px 4px 4px rgb(202, 239,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 23.014, 144.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 239, 203) }
```

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

```
.background{ background-color: rgb(202,  
239, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor