

Converting Colors

CIELCh(90, 14.324, 166.828)

Have a look what the booklet for
CIELCh(90, 14.324, 166.828)
contains.

CIELCh(90, 14.091, 167.404)	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(90, 14.091, 167.404)

Conversions

Conversions Part 1

Format	Color
Hex	C8EADC
RGB	200, 234, 220
RGB Percent	78%, 92%, 86%
CMY	0.2156, 0.0823, 0.1372
CMYK	0.15, 0.00, 0.06, 0.08
HSL	155°, 45%, 85%
HSV	155°, 15%, 92%
XYZ	66.1706, 76.3034, 78.9607
YIQ	222.2380, -15.7700, -11.5620

Conversions

Conversions Part 2

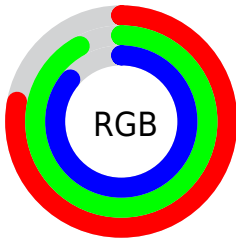
Format	Color
RYB	200, 221, 234
Decimal	13167324
CIELab	90.00, -13.75, 3.07
CIElCh	90, 14.091, 167.404
Yxy	76.3034, 0.2988, 0.3446
Android (android.graphics.Color)	4291357404 (0xFFC8EADC)
YUV	222.2380, -1.1033, -19.5027
Hunter-Lab	87.3518, -17.6486, 7.5517

Details

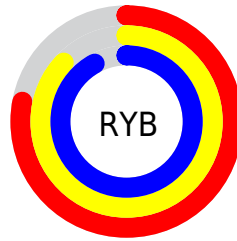
The CIELCh color **90, 14.091, 167.404** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 14.483, 350.015**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 13.882, 167.420** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.635, 166.366**, and if you desaturate by 10%, it is **92, 4.400, 168.407**.

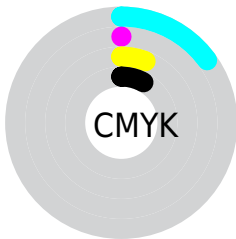
Distribution



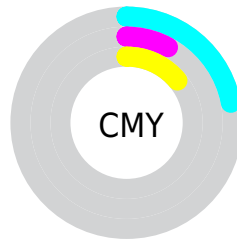
- Red (78%)
- Green (92%)
- Blue (86%)



- Red (78%)
- Yellow (87%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)





- Cyan (22%)
- Magenta (8%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.091, 167.404 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 90, 14.091, 167.404 by changing the saturation by 10% instead.


 90, 14.091,
167.404


 90, 14.091,
167.404


 100, 14.091,
167.404


 80, 14.091,
167.404


 70, 14.091,
167.404

 60, 14.091,
167.404

 50, 14.091,
167.404

 40, 14.091,
167.404

 30, 14.091,
167.404

 20, 14.091,

167.404

■ 10, 14.091,
167.404

■ 0, 14.091, 167.404

■ 90, 14.091,
167.404

■ 90, 14.091,
167.404

■ 88, 23.635,
166.366

■ 92, 4.400, 168.407

■ 87, 32.883,
165.231

■ 94, 5.324, 349.057

■ 86, 41.677,
163.968

■ 95, 10.693,
334.382

■ 85, 49.852,
162.550

■ 95, 13.097,
324.873

■ 84, 57.255,
160.952

■ 83, 63.772,
159.151

■ 83, 69.351,
157.135

■ 82, 74.032,
154.914

■ 82, 76.328,
153.664

Harmonies

Complementary

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



90, 14.091, 167.404



84, 14.483, 350.015

Rectangle

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



90, 14.091, 167.404



90, 14.091, 217.404



90, 14.091, 347.404



90, 14.091, 37.404

Sweetspot

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



90, 14.093, 167.400



99, 4.165, 168.467



90, 19.053, 131.302



53, 2.961, 168.380



0, 0.000, 0.000



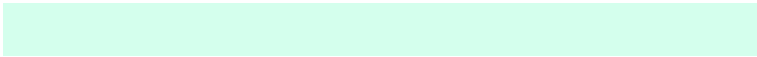
53, 0.007, 296.813

Same Dimension

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



90, 14.093, 167.400



97, 17.656, 167.144



90, 10.723, 206.685



48, 5.530, 167.900



65, 62.493, 154.078



19, 24.921, 158.030

Inverse Universe

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



84, 14.483, 350.015



89, 18.230, 350.284



84, 11.812, 27.436



46, 5.632, 349.498



38, 65.451, 10.438



7, 28.007, 2.000

Previews

White Background



This preview shows how the CIELCh color 90, 14.091, 167.404 looks on a white background.

Color Contrast Check

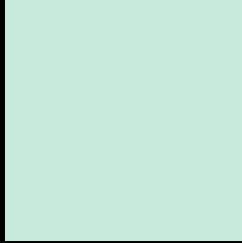
Large Text (above 18pt) WCAG AA × Fail

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 90, 14.091, 167.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

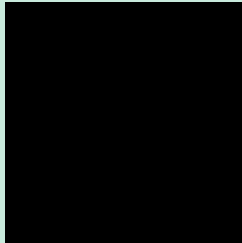
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

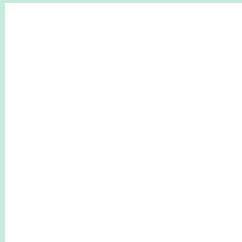
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.091, 167.404

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.091, 167.404.

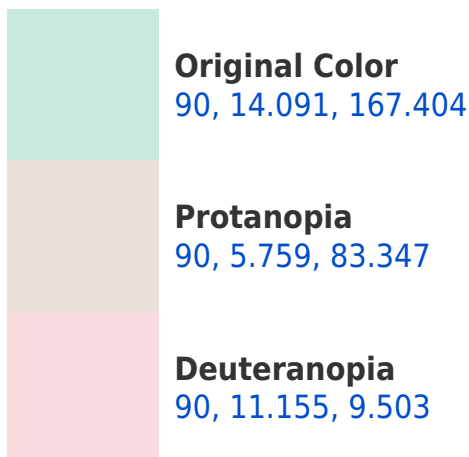


This preview shows how white text looks on a background with the CIELCh color 90, 14.091, 167.404.

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](#).

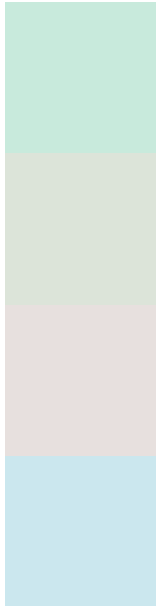
Dichromacy





Tritanopia
90, 12.373, 248.366

Trichromacy



Original Color
90, 14.091, 167.404

Protanomaly
90, 6.415, 136.418

Deuteranomaly
90, 2.720, 41.744

Tritanomaly
90, 10.118, 220.017

Monochromacy



Original Color
90, 14.091, 167.404

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 5.031, 168.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.091, 167.404 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, 234, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 234, 220)  
}
```

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, 234, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 234, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.091, 167.404 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, 234, 220) }
```

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

```
.border{ border-color:rgb(200, 234, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 234, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 234, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 234, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 234,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.091, 167.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 234, 220) }
```

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

```
.background{ background-color: rgb(200,  
234, 220) }
```

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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