

Converting Colors

CIELCh(90, 14.571, 144.834)

Have a look what the booklet for
CIELCh(90, 14.571, 144.834)
contains.

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Color

CIELCh(90, 14.808, 144.972)

Conversions

Conversions Part 1

Format	Color
Hex	D1E9D2
RGB	209, 233, 210
RGB Percent	82%, 91%, 82%
CMY	0.1813, 0.0872, 0.1774
CMYK	0.10, 0.00, 0.10, 0.09
HSL	123°, 35%, 87%
HSV	123°, 10%, 91%
XYZ	66.9017, 76.3034, 72.0207
YIQ	223.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

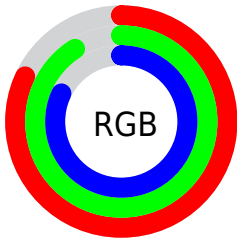
Format	Color
RYB	209, 232, 233
Decimal	13756882
CIELab	90.00, -12.13, 8.50
CIELCh	90, 14.808, 144.972
Yxy	76.3034, 0.3108, 0.3545
Android (android.graphics.Color)	4291946962 (0xFFD1E9D2)
YUV	223.2020, -6.5086, -12.4552
Hunter-Lab	87.3518, -16.1547, 12.2623

Details

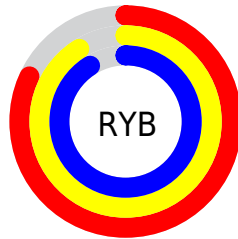
The CIELCh color **90, 14.808, 144.972** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 14.833, 326.133**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 14.499, 146.096** is the 20% darker color. If you saturate the color by 10%, you get **88, 29.299, 144.249**, and if you desaturate by 10%, it is **92, 0.433, 146.250**.

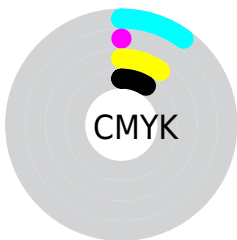
Distribution



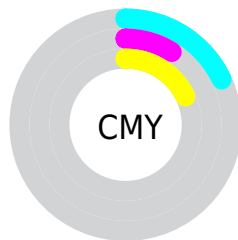
- Red (82%)
- Green (91%)
- Blue (82%)



- Red (82%)
- Yellow (91%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.808, 144.972 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, 14.808, 144.972 by changing the saturation by 10% instead.


 90, 14.808,
144.972


 90, 14.808,
144.972


 100, 14.808,
144.972


 80, 14.808,
144.972


 70, 14.808,
144.972

 60, 14.808,
144.972

 50, 14.808,
144.972

 40, 14.808,
144.972

 30, 14.808,
144.972

 20, 14.808,

144.972

■ 10, 14.808,
144.972

■ 0, 14.808, 144.972

■ 90, 14.808,
144.972

■ 90, 14.808,
144.972

■ 88, 29.299,
144.249

■ 92, 0.433, 146.250

■ 86, 43.694,
143.411

■ 95, 13.624,
325.660

■ 85, 57.725,
142.443

■ 95, 13.885,
324.902

■ 84, 71.047,
141.349

■ 83, 83.240,
140.154

■ 82, 93.820,
138.922

■ 81, 102.258,
137.765

■ 81, 108.083,
136.822

■ 81, 111.103,
136.269

Harmonies

Complementary

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



90, 14.808, 144.972



86, 14.833, 326.133

Rectangle

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



90, 14.808, 144.972



90, 14.808, 194.972



90, 14.808, 324.972



90, 14.808, 14.972

Sweetspot

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



90, 14.810, 144.972



99, 4.609, 145.473



92, 12.363, 110.545



53, 3.498, 145.411



0, 0.000, 0.000



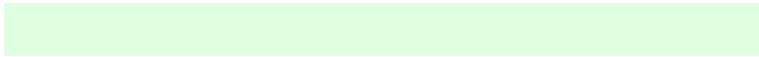
53, 0.007, 296.813

Same Dimension

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



90, 14.810, 144.972



97, 18.581, 144.853



90, 10.361, 164.639



48, 8.208, 145.029



64, 91.844, 136.362



18, 37.441, 138.999

Inverse Universe

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



86, 14.833, 326.133



93, 18.607, 326.234



86, 10.526, 346.340



46, 8.221, 326.084



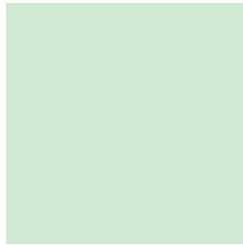
43, 86.495, 329.960



9, 37.216, 329.697

Previews

White Background



This preview shows how the CIELCh color 90, 14.808, 144.972 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 90, 14.808, 144.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

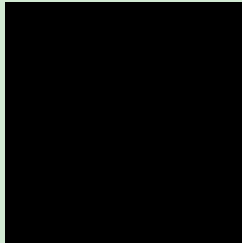
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

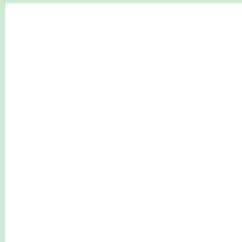
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.808, 144.972

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.808, 144.972.

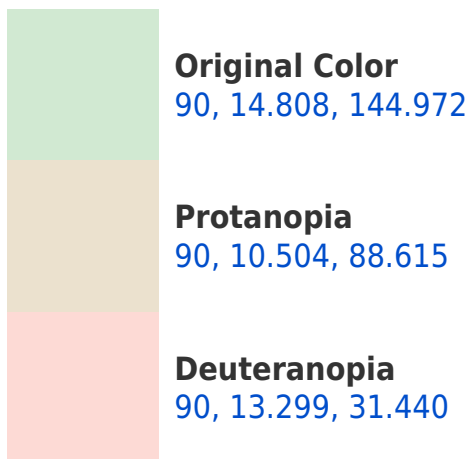


This preview shows how white text looks on a background with the CIELCh color 90, 14.808, 144.972.

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, 10.251, 265.397

Trichromacy



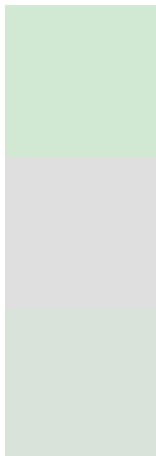
Original Color
90, 14.808, 144.972

Protanomaly
90, 10.925, 115.088

Deuteranomaly
90, 7.678, 67.409

Tritanomaly
90, 6.084, 213.988

Monochromacy



Original Color
90, 14.808, 144.972

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.710, 144.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.808, 144.972 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(209, 233, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 233, 210)  
}
```

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(209, 233, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 233, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.808, 144.972 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(209, 233, 210) }
```

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

```
.border{ border-color:rgb(209, 233, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 233, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 233, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 233, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 233,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.808, 144.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 233, 210) }
```

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

```
.background{ background-color: rgb(209,  
233, 210) }
```

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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