

Converting Colors

CIELCh(89, 14.345, 162.482)

Have a look what the booklet for
CIELCh(89, 14.345, 162.482)
contains.

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Color

CIELCh(89, 14.171, 162.493)

Conversions

Conversions Part 1

Format	Color
Hex	C7E7D7
RGB	199, 231, 215
RGB Percent	78%, 91%, 84%
CMY	0.2198, 0.0943, 0.1570
CMYK	0.14, 0.00, 0.07, 0.09
HSL	150°, 40%, 84%
HSV	150°, 14%, 91%
XYZ	64.3627, 74.1641, 75.1808
YIQ	219.6080, -13.9360, -11.7600

Conversions

Conversions Part 2

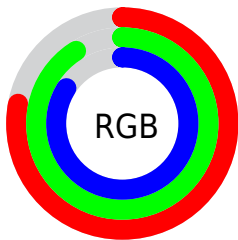
Format	Color
RYB	199, 220, 231
Decimal	13101015
CIELab	89.00, -13.51, 4.26
CIELCh	89, 14.171, 162.493
Yxy	74.1641, 0.3012, 0.3470
Android (android.graphics.Color)	4291291095 (0xFFC7E7D7)
YUV	219.6080, -2.2717, -18.0732
Hunter-Lab	86.1186, -17.3014, 8.5233

Details

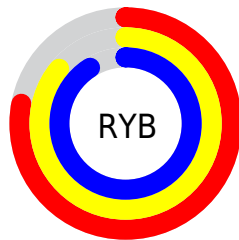
The CIELCh color **89, 14.171, 162.493** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 14.427, 344.807**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 13.987, 162.208** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.328, 161.505**, and if you desaturate by 10%, it is **91, 3.936, 163.447**.

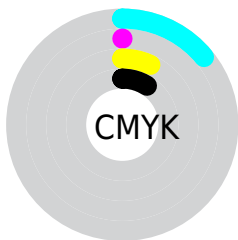
Distribution



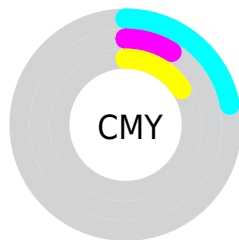
- Red (78%)
- Green (91%)
- Blue (84%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 14.171, 162.493 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 89, 14.171, 162.493 by changing the saturation by 10% instead.

 89, 14.171,
162.493

 89, 14.171,
162.493

 100, 14.171,
162.493

 79, 14.171,
162.493


 69, 14.171,
162.493

 59, 14.171,
162.493

 49, 14.171,
162.493

 39, 14.171,
162.493

 29, 14.171,
162.493

 19, 14.171,

162.493

 9, 14.171, 162.493


 0, 14.171, 162.493

 89, 14.171,
162.493


 89, 14.171,
162.493


 87, 24.328,
161.505

 91, 3.936, 163.447


 86, 34.256,
160.409

 93, 6.266, 344.053

 85, 43.794,
159.176

 94, 12.846,
331.977

 83, 52.763,
157.778

 94, 15.019,
324.943

 83, 60.995,

156.192

■ 82, 68.353,
154.397

■ 81, 74.762,
152.387

■ 81, 80.230,
150.178

■ 81, 83.235,
148.785

Harmonies

Complementary

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



89, 14.171, 162.493



83, 14.427, 344.807

Rectangle

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



89, 14.171, 162.493



89, 14.171, 212.493



89, 14.171, 342.493



89, 14.171, 32.493

Sweetspot

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



89, 14.173, 162.490



99, 4.425, 163.429



90, 17.537, 127.859



53, 3.146, 163.348



0, 0.000, 0.000



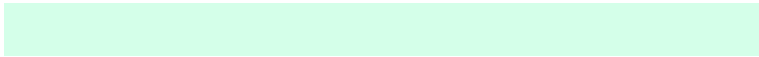
53, 0.007, 296.813

Same Dimension

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



89, 14.173, 162.490



97, 18.834, 162.181



89, 11.015, 197.261



47, 5.779, 162.901



64, 68.053, 149.204



18, 26.270, 153.428

Inverse Universe

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



83, 14.427, 344.807



89, 19.245, 345.116



83, 12.010, 18.961



45, 5.853, 344.396



38, 64.860, 1.878



7, 27.612, 354.929

Previews

White Background



This preview shows how the CIELCh color 89, 14.171, 162.493 looks on a white background.

Color Contrast Check

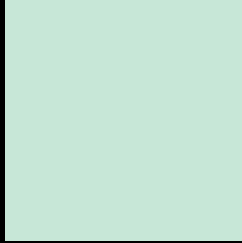
Large Text (above 18pt) WCAG AA × Fail

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 89, 14.171, 162.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

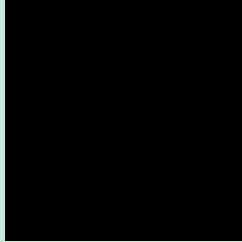
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

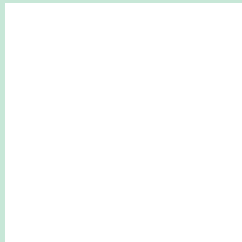
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 14.171, 162.493

Background



This preview shows how black text looks on a background with the CIELCh color 89, 14.171, 162.493.

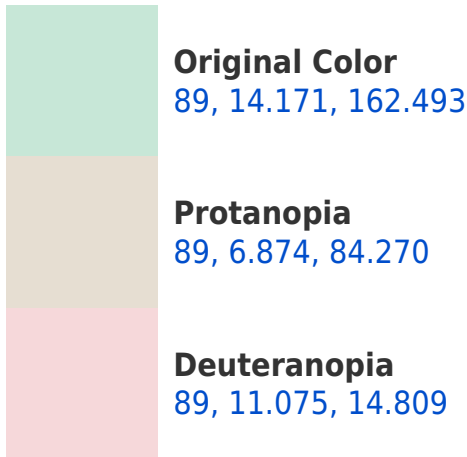


This preview shows how white text looks on a background with the CIELCh color 89, 14.171, 162.493.

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](#).

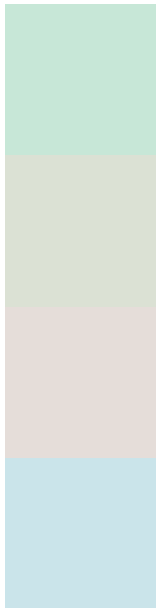
Dichromacy





Tritanopia
89, 11.985, 250.764

Trichromacy



Original Color
89, 14.171, 162.493

Protanomaly
89, 7.112, 127.468

Deuteranomaly
89, 3.557, 55.130

Tritanomaly
89, 9.369, 218.452

Monochromacy



Original Color
89, 14.171, 162.493

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 5.339, 163.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 14.171, 162.493 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(199, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 215)  
}
```

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(199, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 14.171, 162.493 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(199, 231, 215) }
```

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

```
.border{ border-color:rgb(199, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 14.171, 162.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 215) }
```

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

```
.background{ background-color: rgb(199,  
231, 215) }
```

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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