

Converting Colors

CIELCh(89, 12.430, 174.547)

Have a look what the booklet for
CIELCh(89, 12.430, 174.547)
contains.

CIELCh(89, 12.755, 174.447)	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(89, 12.755, 174.447)

Conversions

Conversions Part 1

Format	Color
Hex	C6E7DD
RGB	198, 231, 221
RGB Percent	78%, 91%, 87%
CMY	0.2246, 0.0952, 0.1344
CMYK	0.14, 0.00, 0.04, 0.10
HSL	162°, 40%, 84%
HSV	162°, 14%, 90%
XYZ	64.7238, 74.1641, 79.1117
YIQ	219.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

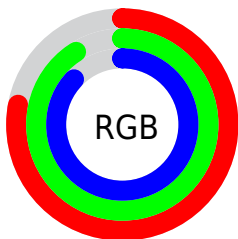
Format	Color
R_{YB}	198, 217, 231
Decimal	13035485
CIE Lab	89.00, -12.70, 1.23
CIE LCh	89, 12.755, 174.447
Yxy	74.1641, 0.2969, 0.3402
Android (android.graphics.Color)	4291225565 (0xFFC6E7DD)
YUV	219.9930, 0.4965, -19.2879
Hunter-Lab	86.1186, -16.5531, 5.8170

Details

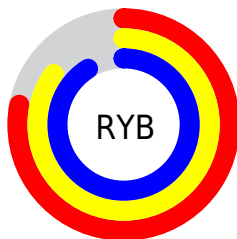
The CIELCh color **89, 12.755, 174.447** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 13.287, 357.120**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 12.481, 175.015** is the 20% darker color. If you saturate the color by 10%, you get **87, 21.421, 173.399**, and if you desaturate by 10%, it is **91, 3.861, 175.491**.

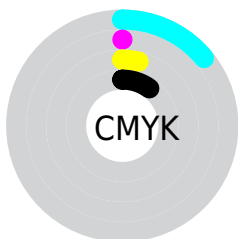
Distribution



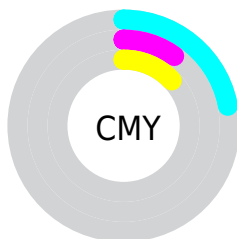
- Red (78%)
- Green (91%)
- Blue (87%)



- Red (78%)
- Yellow (85%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.755, 174.447 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, 12.755, 174.447 by changing the saturation by 10% instead.

 89, 12.755,
174.447

 89, 12.755,
174.447


 100, 12.755,
174.447

 79, 12.755,
174.447

 69, 12.755,
174.447

 59, 12.755,
174.447

 49, 12.755,
174.447

 39, 12.755,
174.447

 29, 12.755,
174.447

 19, 12.755,

174.447

■ 9, 12.755, 174.447

■ 0, 12.755, 174.447

■ 89, 12.755,
174.447

■ 89, 12.755,
174.447

■ 87, 21.421,
173.399

■ 91, 3.861, 175.491

■ 86, 29.715,
172.277

■ 93, 5.147, 356.143

■ 85, 37.489,
171.050

■ 94, 10.360,
347.108


■ 84, 44.592,
169.693


■ 94, 12.651,
333.315


■ 83, 50.890,


■ 94, 15.169,
324.948

168.182

 82, 56.287,
166.491

 82, 60.750,
164.601

 82, 64.331,
162.510

 82, 66.102,
161.272

Harmonies

Complementary

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



89, 12.755, 174.447



83, 13.287, 357.120

Rectangle

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



89, 12.755, 174.447



89, 12.755, 224.447



89, 12.755, 354.447



89, 12.755, 44.447

Sweetspot

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



89, 12.757, 174.442



99, 3.895, 175.526



89, 19.054, 134.584



53, 2.767, 175.433



0, 0.000, 0.000



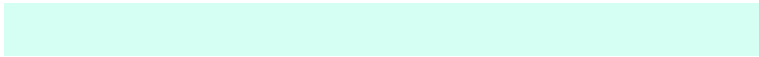
53, 0.007, 296.813

Same Dimension

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



89, 12.757, 174.442



97, 16.400, 174.157



88, 9.692, 217.967



47, 5.064, 174.934



65, 54.209, 161.670



18, 21.441, 165.565

Inverse Universe

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



83, 13.287, 357.120



89, 17.221, 357.437



84, 10.639, 37.383



45, 5.203, 356.589



37, 66.943, 20.676



7, 26.661, 8.329

Previews

White Background



This preview shows how the CIELCh color 89, 12.755, 174.447 looks on a white background.

Color Contrast Check

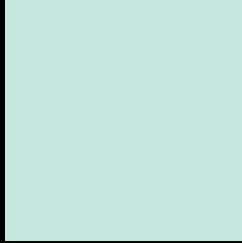
Large Text (above 18pt) WCAG AA × Fail

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, 12.755, 174.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

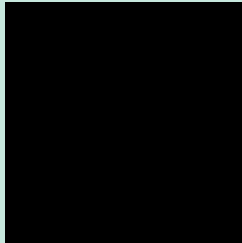
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

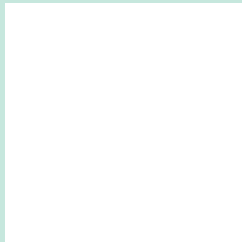
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.755, 174.447

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.755, 174.447.

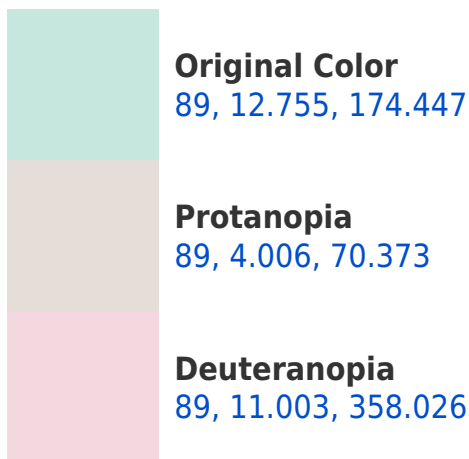


This preview shows how white text looks on a background with the CIELCh color 89, 12.755, 174.447.

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](#).

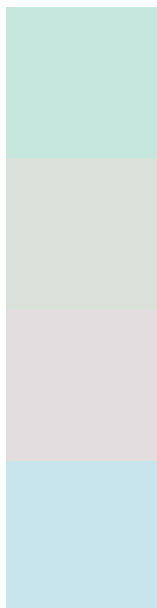
Dichromacy





Tritanopia
89, 12.398, 248.396

Trichromacy



Original Color
89, 12.755, 174.447

Protanomaly
89, 4.443, 144.331

Deuteranomaly
89, 2.409, 353.720

Tritanomaly
89, 10.305, 222.816

Monochromacy



Original Color
89, 12.755, 174.447

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 4.778, 173.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.755, 174.447 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(198, 231, 221)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 221)  
}
```

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(198, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.755, 174.447 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(198, 231, 221) }
```

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

```
.border{ border-color:rgb(198, 231, 221) }
```

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

Here you see how a box with a 4 pixel rgb(198, 231, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.755, 174.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 221) }
```

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

```
.background{ background-color: rgb(198,  
231, 221) }
```

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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