

Converting Colors

CIELCh(89, 16.895, 137.247)

Have a look what the booklet for
CIELCh(89, 16.895, 137.247)
contains.

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Color

CIELCh(89, 17.120, 136.995)

Conversions

Conversions Part 1

Format	Color
Hex	D0E6C9
RGB	208, 230, 201
RGB Percent	82%, 90%, 79%
CMY	0.1846, 0.0983, 0.2120
CMYK	0.10, 0.00, 0.13, 0.10
HSL	106°, 37%, 84%
HSV	106°, 13%, 90%
XYZ	64.8012, 74.1641, 66.1126
YIQ	220.1160, -3.8030, -13.6830

Conversions

Conversions Part 2

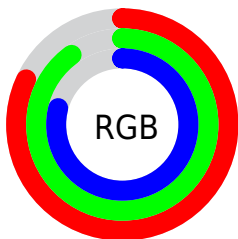
Format	Color
RYB	201, 230, 223
Decimal	13690569
CIELab	89.00, -12.52, 11.68
CIELCh	89, 17.120, 136.995
Yxy	74.1641, 0.3160, 0.3616
Android (android.graphics.Color)	4291880649 (0xFFD0E6C9)
YUV	220.1160, -9.4242, -10.6257
Hunter-Lab	86.1186, -16.3926, 14.7666

Details

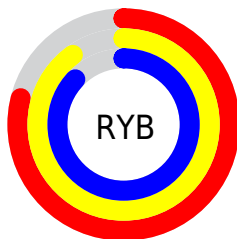
The CIELCh color **89, 17.120, 136.995** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 17.260, 318.093**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 16.907, 137.433** is the 20% darker color. If you saturate the color by 10%, you get **87, 30.776, 136.466**, and if you desaturate by 10%, it is **91, 3.521, 137.511**.

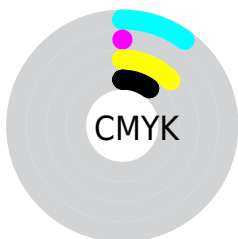
Distribution



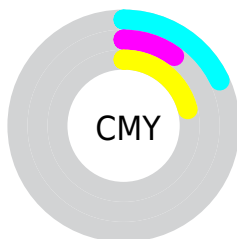
- Red (82%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)





- Cyan (18%)
- Magenta (10%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 17.120, 136.995 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, 17.120, 136.995 by changing the saturation by 10% instead.


 89, 17.120,
136.995


 89, 17.120,
136.995


 100, 17.120,
136.995


 79, 17.120,
136.995

 69, 17.120,
136.995

 59, 17.120,
136.995

 49, 17.120,
136.995

 39, 17.120,
136.995


 29, 17.120,
136.995


 19, 17.120,

136.995

 9, 17.120, 136.995

 0, 17.120, 136.995

 89, 17.120,
136.995


 89, 17.120,
136.995


 87, 30.776,
136.466

 91, 3.521, 137.511

 86, 44.331,
135.884

 93, 9.920, 317.833

 85, 57.579,
135.264

 94, 15.664,
324.966

 83, 70.233,
134.642

 83, 81.902,

134.080

■ 82, 92.074,
133.678

■ 81, 100.156,
133.565

■ 81, 105.653,
133.854

■ 80, 108.195,
134.260

Harmonies

Complementary

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



89, 17.120, 136.995



84, 17.260, 318.093

Rectangle

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



89, 17.120, 136.995



89, 17.120, 186.995



89, 17.120, 316.995



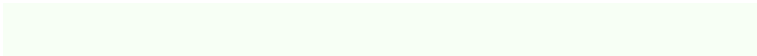
89, 17.120, 6.995

Sweetspot

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



89, 17.122, 136.996



99, 5.873, 137.427



89, 11.595, 95.715



53, 4.177, 137.387



0, 0.000, 0.000



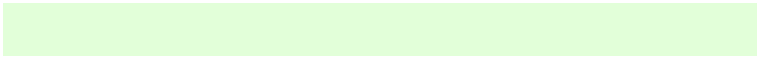
53, 0.007, 296.813

Same Dimension

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



89, 17.122, 136.996



97, 22.166, 136.870



89, 15.480, 151.487



47, 7.686, 137.154



64, 89.323, 134.082



18, 34.746, 134.605

Inverse Universe

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



84, 17.260, 318.093



90, 22.371, 318.204



84, 15.550, 333.146



45, 7.737, 317.950



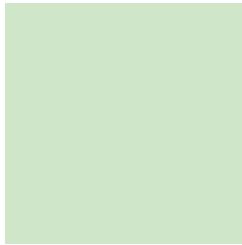
35, 90.684, 319.302



6, 36.976, 320.154

Previews

White Background



This preview shows how the CIELCh color 89, 17.120, 136.995 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 89, 17.120, 136.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

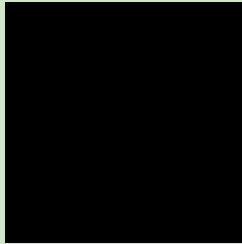
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

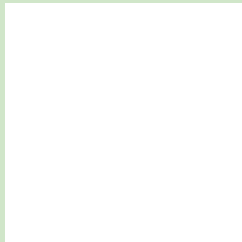
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 17.120, 136.995

Background



This preview shows how black text looks on a background with the CIELCh color 89, 17.120, 136.995.

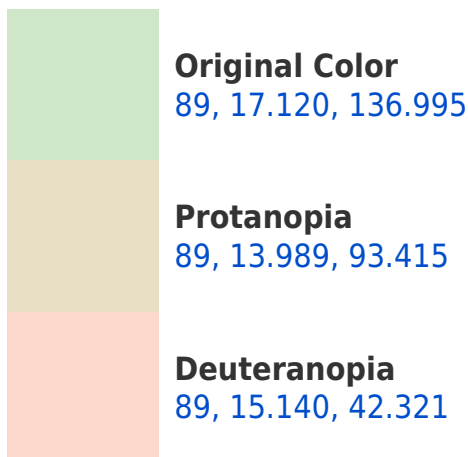


This preview shows how white text looks on a background with the CIELCh color 89, 17.120, 136.995.

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, 9.914, 270.769

Trichromacy



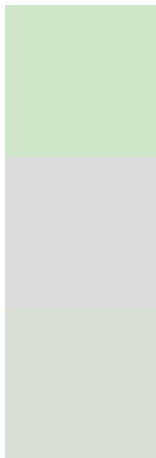
Original Color
89, 17.120, 136.995

Protanomaly
89, 14.518, 111.927

Deuteranomaly
89, 10.666, 75.263

Tritanomaly
89, 4.936, 205.259

Monochromacy



Original Color
89, 17.120, 136.995

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.437, 136.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 17.120, 136.995 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(208, 230, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 201)  
}
```

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(208, 230, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 17.120, 136.995 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(208, 230, 201) }
```

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

```
.border{ border-color:rgb(208, 230, 201) }
```

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

Here you see how a box with a 4 pixel rgb(208, 230, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 17.120, 136.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 201) }
```

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

```
.background{ background-color: rgb(208,  
230, 201) }
```

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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