

Converting Colors

CIELCh(89, 24.742, 171.561)

Have a look what the booklet for
CIELCh(89, 24.742, 171.561)
contains.

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Color

CIELCh(89, 24.935, 171.684)

Conversions

Conversions Part 1

Format	Color
Hex	ACEDD8
RGB	172, 237, 216
RGB Percent	67%, 93%, 85%
CMY	0.3262, 0.0713, 0.1536
CMYK	0.27, 0.00, 0.09, 0.07
HSL	161°, 64%, 80%
HSV	161°, 27%, 93%
XYZ	59.5794, 74.1641, 76.0216
YIQ	215.1710, -31.9990, -20.3110

Conversions

Conversions Part 2

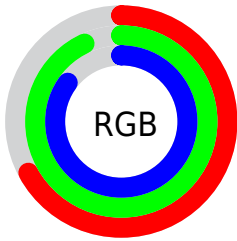
Format	Color
RYB	172, 211, 237
Decimal	11333080
CIELab	89.00, -24.67, 3.61
CIElCh	89, 24.935, 171.684
Yxy	74.1641, 0.2840, 0.3536
Android (android.graphics.Color)	4289523160 (0xFFACEDD8)
YUV	215.1710, 0.4087, -37.8610
Hunter-Lab	86.1186, -27.2160, 7.9445

Details

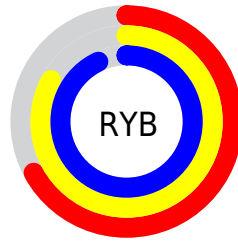
The CIELCh color **89, 24.935, 171.684** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77, 26.867, 357.339**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **69, 25.021, 171.288** is the 20% darker color. If you saturate the color by 10%, you get **88, 33.414, 170.518**, and if you desaturate by 10%, it is **91, 16.049, 172.752**.

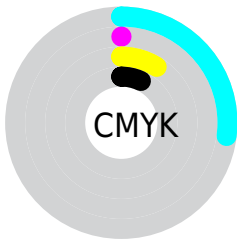
Distribution



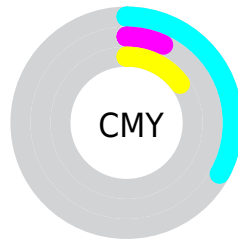
- Red (67%)
- Green (93%)
- Blue (85%)



- Red (67%)
- Yellow (83%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 24.935, 171.684 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, 24.935, 171.684 by changing the saturation by 10% instead.

 89, 24.935,
171.684

 89, 24.935,
171.684

 100, 24.935,
171.684

 79, 24.935,
171.684

 69, 24.935,
171.684

 59, 24.935,
171.684

 49, 24.935,
171.684

 39, 24.935,
171.684

 29, 24.935,
171.684

 19, 24.935,


171.684


 9, 24.935, 171.684


 0, 24.935, 171.684

 89, 24.935,
171.684


 89, 24.935,
171.684

 88, 33.414,
170.518

 91, 16.049,
172.752

 86, 41.325,
169.237

 92, 6.899, 173.773


 86, 48.516,
167.811

 94, 2.385, 354.381

 85, 54.855,
166.217

 95, 8.135, 342.666

 84, 60.259,

 96, 10.955,
326.195

164.430

96, 11.338,
324.808

84, 64.719,
162.436

84, 68.328,
160.250

83, 69.186,
159.691

Harmonies

Complementary

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



89, 24.935, 171.684



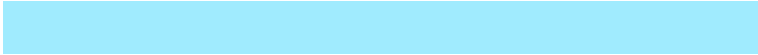
77, 26.867, 357.339

Rectangle

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



89, 24.935, 171.684



89, 24.935, 221.684



89, 24.935, 351.684



89, 24.935, 41.684

Sweetspot

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



89, 24.936, 171.682



98, 7.870, 173.712



89, 37.209, 133.392



52, 5.588, 173.557



0, 0.000, 0.000



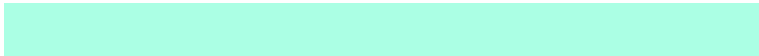
53, 0.007, 296.813

Same Dimension

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



89, 24.936, 171.682



94, 31.535, 171.033



87, 18.380, 216.413



48, 5.219, 173.566



65, 56.190, 160.106



19, 22.674, 163.864

Inverse Universe

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



77, 26.867, 357.339



79, 34.533, 358.134



79, 22.285, 35.871



46, 5.353, 355.222



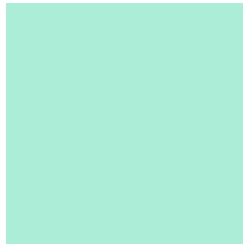
38, 67.080, 18.908



7, 27.805, 7.990

Previews

White Background



This preview shows how the CIELCh color 89, 24.935, 171.684 looks on a white background.

Color Contrast Check

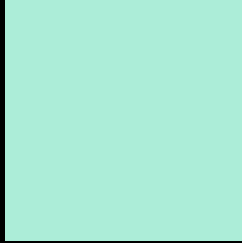
Large Text (above 18pt) WCAG AA × Fail

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, 24.935, 171.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

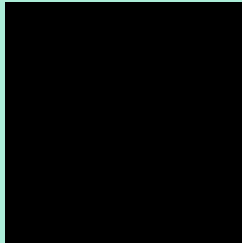
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

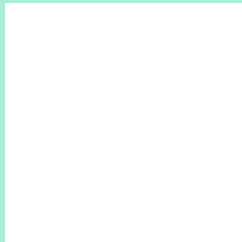
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 24.935, 171.684

Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.935, 171.684.

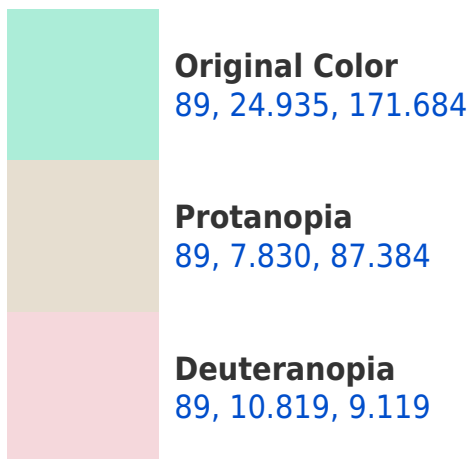


This preview shows how white text looks on a background with the CIELCh color 89, 24.935, 171.684.

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



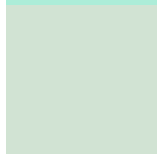


Tritanopia
89, 19.140, 227.969

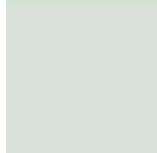
Trichromacy



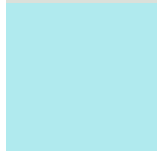
Original Color
89, 24.935, 171.684



Protanomaly
89, 10.615, 147.157



Deuteranomaly
89, 3.809, 144.366



Tritanomaly
89, 19.081, 204.504

Monochromacy



Original Color
89, 24.935, 171.684



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.542, 172.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 24.935, 171.684 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(172, 237, 216)` looks like.

```
.text, #text, p{  
    color:rgb(172, 237, 216)  
}
```

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(172, 237, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 237, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 24.935, 171.684 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(172, 237, 216) }
```

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

```
.border{ border-color:rgb(172, 237, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 237, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 237, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 237, 216);  
box-shadow:4px 4px 4px 4px rgb(172, 237,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 24.935, 171.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 237, 216) }
```

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

```
.background{ background-color: rgb(172,  
237, 216) }
```

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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