

Converting Colors

CIELCh(89, 23.386, 183.313)

Have a look what the booklet for
CIELCh(89, 23.386, 183.313)
contains.

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Color

CIElCh(89, 23.220, 183.503)

Conversions

Conversions Part 1

Format	Color
Hex	A9ECE1
RGB	169, 236, 225
RGB Percent	66%, 93%, 88%
CMY	0.3357, 0.0729, 0.1161
CMYK	0.28, 0.00, 0.05, 0.07
HSL	170°, 64%, 80%
HSV	170°, 28%, 93%
XYZ	60.2065, 74.1641, 82.6656
YIQ	214.7130, -36.4010, -17.6250

Conversions

Conversions Part 2

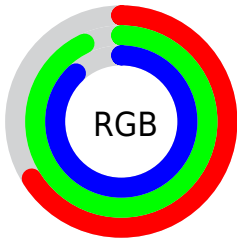
Format	Color
RYB	169, 205, 236
Decimal	11136225
CIELab	89.00, -23.18, -1.42
CIELCh	89, 23.220, 183.503
Yxy	74.1641, 0.2774, 0.3417
Android (android.graphics.Color)	4289326305 (0xFFA9ECE1)
YUV	214.7130, 5.0715, -40.0903
Hunter-Lab	86.1186, -25.9161, 3.3703

Details

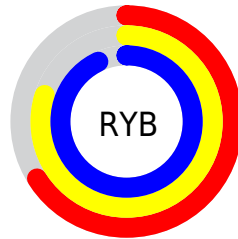
The CIELCh color **89, 23.220, 183.503** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76, 26.487, 9.092**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **69, 23.083, 183.678** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.495, 182.514**, and if you desaturate by 10%, it is **90, 15.381, 184.443**.

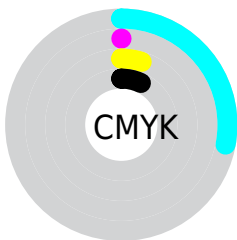
Distribution



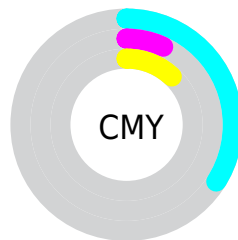
- Red (66%)
- Green (93%)
- Blue (88%)



- Red (66%)
- Yellow (80%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (34%)
- Magenta (7%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 23.220, 183.503 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, 23.220, 183.503 by changing the saturation by 10% instead.


 89, 23.220,
183.503


 89, 23.220,
183.503


 100, 23.220,
183.503


 79, 23.220,
183.503

 69, 23.220,
183.503

 59, 23.220,
183.503

 49, 23.220,
183.503

 39, 23.220,
183.503


 29, 23.220,
183.503


 19, 23.220,


183.503


 9, 23.220, 183.503


 0, 23.220, 183.503


 89, 23.220,
183.503


 89, 23.220,
183.503

 88, 30.495,
182.514

 90, 15.381,
184.443


 87, 37.057,
181.467

 92, 7.119, 185.377

 86, 42.772,
180.339

 94, 1.433, 5.741

 95, 7.040, 0.602

 85, 47.538,
179.111

 95, 7.907, 346.869

 85, 51.303,

 95, 9.137, 336.364

177.757

95, 10.604,
328.591

84, 54.083,
176.259

95, 11.596,
324.818

84, 56.016,
174.615

84, 56.302,
174.342

Harmonies

Complementary

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



89, 23.220, 183.503



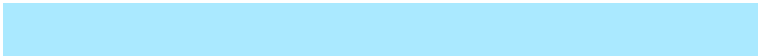
76, 26.487, 9.092

Rectangle

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



89, 23.220, 183.503



89, 23.220, 233.503



89, 23.220, 3.503



89, 23.220, 53.503

Sweetspot

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



89, 23.221, 183.500



98, 8.154, 185.311



88, 40.382, 138.245



52, 5.654, 185.172



0, 0.000, 0.000



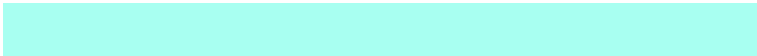
53, 0.007, 296.813

Same Dimension

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



89, 23.221, 183.500



94, 29.135, 182.935



83, 18.350, 238.906



48, 4.807, 185.270



66, 45.942, 174.651



19, 19.102, 177.374

Inverse Universe

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



76, 26.487, 9.092



78, 34.237, 9.964



81, 21.497, 53.548



46, 5.011, 6.814



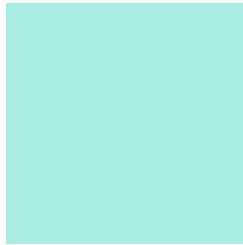
38, 73.523, 31.925



7, 27.979, 15.951

Previews

White Background



This preview shows how the CIE LCh color 89, 23.220, 183.503 looks on a white background.

Color Contrast Check

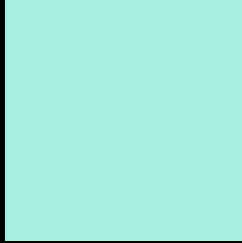
Large Text (above 18pt) WCAG AA × Fail

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, 23.220, 183.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

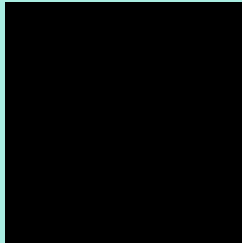
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

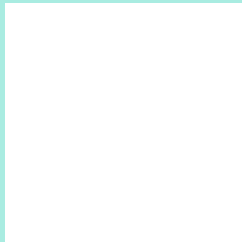
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 23.220, 183.503

Background



This preview shows how black text looks on a background with the CIELCh color 89, 23.220, 183.503.

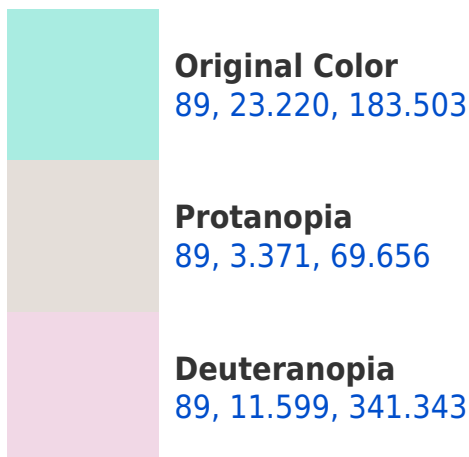



This preview shows how white text looks on a background with the CIELCh color 89, 23.220, 183.503.

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



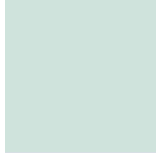


Tritanopia
89, 20.409, 225.884

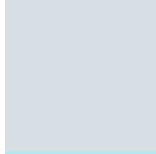
Trichromacy



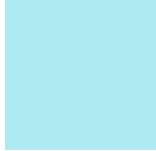
Original Color
89, 23.220, 183.503



Protanomaly
89, 8.017, 171.847



Deuteranomaly
88, 3.805, 242.744

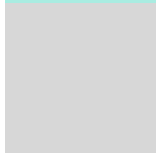


Tritanomaly
89, 20.050, 210.256

Monochromacy



Original Color
89, 23.220, 183.503



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 9.065, 185.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 23.220, 183.503 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(169, 236, 225)` looks like.

```
.text, #text, p{  
    color:rgb(169, 236, 225)  
}
```

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(169, 236, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 236, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 23.220, 183.503 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(169, 236, 225) }
```

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

```
.border{ border-color:rgb(169, 236, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 236, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 236, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 236, 225);  
box-shadow:4px 4px 4px 4px rgb(169, 236,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 23.220, 183.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 236, 225) }
```

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

```
.background{ background-color: rgb(169,  
236, 225) }
```

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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