

Converting Colors

CIELCh(86, 23.819, 190.685)

Have a look what the booklet for
CIELCh(86, 23.819, 190.685)
contains.

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Color

CIELCh(86, 23.819, 191.429)

Conversions

Conversions Part 1

Format	Color
Hex	9CE4DF
RGB	156, 228, 223
RGB Percent	61%, 89%, 87%
CMY	0.3876, 0.1053, 0.1249
CMYK	0.32, 0.00, 0.02, 0.11
HSL	176°, 57%, 75%
HSV	176°, 32%, 89%
XYZ	54.8623, 67.9871, 80.1480
YIQ	205.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

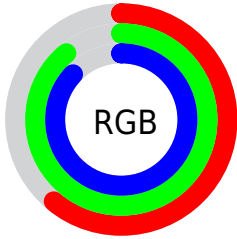
Format	Color
R_{YB}	156, 193, 228
Decimal	10282207
CIE _{Lab}	86.00, -23.35, -4.72
CIE _{LCh}	86, 23.819, 191.429
Yxy	67.9871, 0.2703, 0.3349
Android (android.graphics.Color)	4288472287 (0xFF9CE4DF)
YUV	205.9020, 8.4293, -43.7641
Hunter-Lab	82.4543, -25.5271, 0.0864

Details

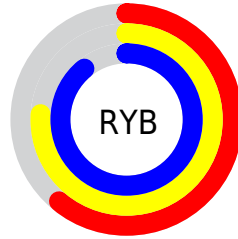
The CIELCh color **86, 23.819, 191.429** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 28.770, 16.825**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **66, 23.777, 192.031** is the 20% darker color. If you saturate the color by 10%, you get **85, 30.157, 190.715**, and if you desaturate by 10%, it is **87, 16.802, 192.143**.

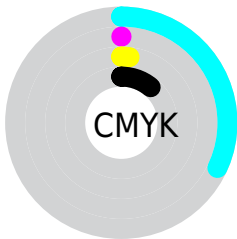
Distribution



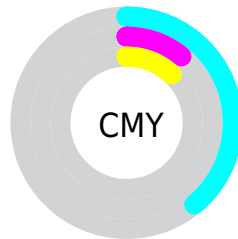
- Red (61%)
- Green (89%)
- Blue (87%)



- Red (61%)
- Yellow (76%)
- Blue (89%)



- Cyan (32%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (39%)
- Magenta (11%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.819, 191.429 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 86, 23.819, 191.429 by changing the saturation by 10% instead.


 86, 23.819,
191.429

 86, 23.819,
191.429


 100, 23.819,
191.429


 76, 23.819,
191.429

 66, 23.819,
191.429

 56, 23.819,
191.429

 46, 23.819,
191.429

 36, 23.819,
191.429

 26, 23.819,
191.429

 16, 23.819,

191.429

6, 23.819, 191.429

0, 23.819, 191.429

86, 23.819,
191.429

86, 23.819,
191.429

85, 30.157,
190.715

87, 16.802,
192.143

84, 35.685,
190.003

89, 9.242, 192.882

83, 40.293,
189.281

90, 1.270, 194.002

92, 6.994, 14.162

83, 43.912,
188.536

93, 9.843, 11.276

82, 46.524,

93, 9.979, 6.646

187.753

93, 10.181, 2.172

82, 48.185,
186.917

93, 10.444,
357.900

82, 49.018,
186.171

93, 10.763,
353.863

Harmonies

Complementary

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



86, 23.819, 191.429



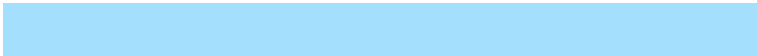
72, 28.770, 16.825

Rectangle

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



86, 23.819, 191.429



86, 23.819, 241.429



86, 23.819, 11.429



86, 23.819, 61.429

Sweetspot

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



86, 23.820, 191.426



98, 7.918, 193.078



85, 44.816, 140.198



52, 5.485, 192.962



0, 0.000, 0.000



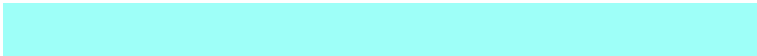
53, 0.007, 296.813

Same Dimension

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



86, 23.820, 191.426



94, 30.601, 190.951



78, 20.571, 250.510



47, 4.583, 193.046



66, 40.751, 186.323



18, 16.918, 187.794

Inverse Universe

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



72, 28.770, 16.825



75, 38.671, 17.854



79, 23.552, 62.549



45, 4.829, 14.317



37, 77.099, 37.170



6, 26.893, 18.888

Previews

White Background



This preview shows how the CIE LCh color 86, 23.819, 191.429 looks on a white background.

Color Contrast Check

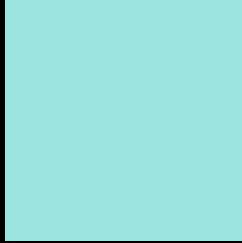
Large Text (above 18pt) WCAG AA × Fail

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 86, 23.819, 191.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

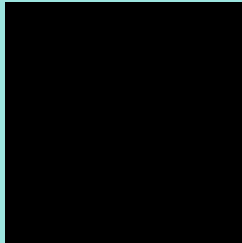
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

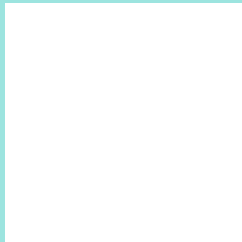
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 23.819, 191.429

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.819, 191.429.

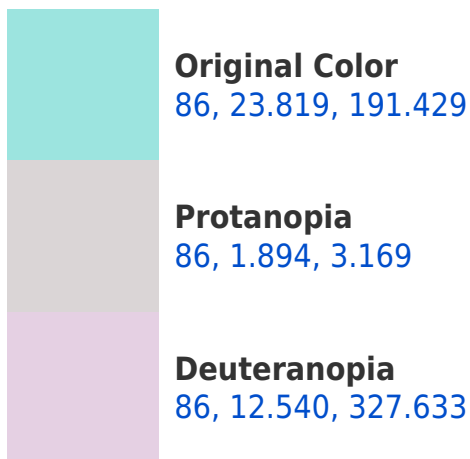


This preview shows how white text looks on a background with the CIELCh color 86, 23.819, 191.429.

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



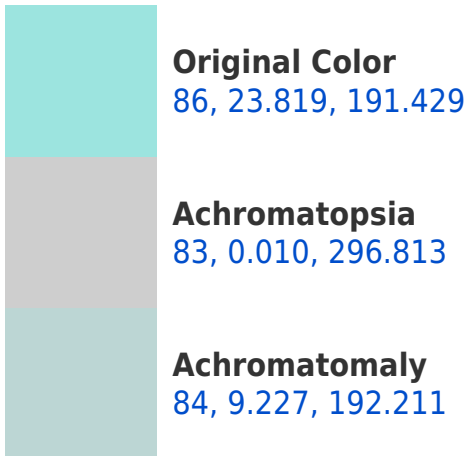


Tritanopia
86, 21.980, 223.847

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.819, 191.429 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(156, 228, 223)` looks like.

```
.text, #text, p{  
    color:rgb(156, 228, 223)  
}
```

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(156, 228, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 228, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.819, 191.429 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(156, 228, 223) }
```

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

```
.border{ border-color:rgb(156, 228, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 228, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 228, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 228, 223);  
box-shadow:4px 4px 4px 4px rgb(156, 228,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.819, 191.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 228, 223) }
```

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

```
.background{ background-color: rgb(156,  
228, 223) }
```

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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