

Converting Colors

CIELCh(86, 18.938, 221.713)

Have a look what the booklet for
CIELCh(86, 18.938, 221.713)
contains.

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Color

CIELCh(86, 19.024, 221.193)

Conversions

Conversions Part 1

Format	Color
Hex	A9E0EE
RGB	169, 224, 238
RGB Percent	66%, 88%, 93%
CMY	0.3369, 0.1212, 0.0663
CMYK	0.29, 0.06, 0.00, 0.07
HSL	192°, 67%, 80%
HSV	192°, 29%, 93%
XYZ	58.5108, 67.9871, 91.0022
YIQ	209.1510, -37.2740, -7.3060

Conversions

Conversions Part 2

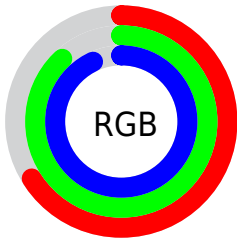
Format	Color
R _Y B	169, 200, 238
Decimal	11133166
CIE Lab	86.00, -14.32, -12.53
CIE LCh	86, 19.024, 221.193
Yxy	67.9871, 0.2690, 0.3126
Android (android.graphics.Color)	4289323246 (0xFFA9E0EE)
YUV	209.1510, 14.2226, -35.2124
Hunter-Lab	82.4543, -17.6287, -7.7185

Details

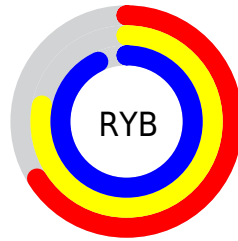
The CIELCh color **86, 19.024, 221.193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 23.250, 39.500**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **66, 18.954, 220.579** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.582, 222.061**, and if you desaturate by 10%, it is **89, 12.883, 220.568**.

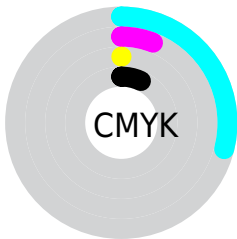
Distribution



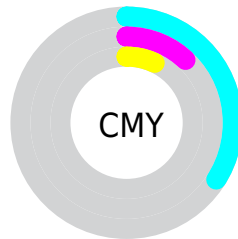
- Red (66%)
- Green (88%)
- Blue (93%)



- Red (66%)
- Yellow (78%)
- Blue (93%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.024, 221.193 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, 19.024, 221.193 by changing the saturation by 10% instead.


 86, 19.024,
221.193


 86, 19.024,
221.193


 100, 19.024,
221.193


 76, 19.024,
221.193


 66, 19.024,
221.193

 56, 19.024,
221.193

 46, 19.024,
221.193

 36, 19.024,
221.193

 26, 19.024,
221.193

 16, 19.024,

221.193

■ 6, 19.024, 221.193

■ 0, 19.024, 221.193

■ 86, 19.024,
221.193

■ 86, 19.024,
221.193

■ 83, 24.582,
222.061

■ 89, 12.883,
220.568

■ 81, 29.450,
223.245

■ 92, 6.267, 220.176

■ 94, 0.726, 38.932

■ 79, 33.534,
224.813

■ 97, 4.939, 52.812

■ 77, 36.772,
226.850

■ 98, 5.681, 84.582

■ 75, 39.154,

■ 99, 7.619, 104.422

229.443

100, 8.556,
109.528

73, 40.748,
232.664

72, 41.753,
236.499

71, 41.850,
236.900

Harmonies

Complementary

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



86, 19.024, 221.193



79, 23.250, 39.500

Rectangle

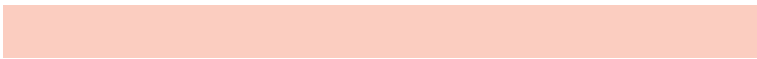
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 19.024, 221.193



86, 19.024, 271.193



86, 19.024, 41.193



86, 19.024, 91.193

Sweetspot

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



86, 19.024, 221.188



97, 6.639, 220.177



88, 38.035, 148.326



51, 4.596, 220.218



0, 0.000, 0.000



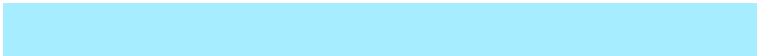
53, 0.007, 296.813

Same Dimension

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



86, 19.024, 221.188



90, 23.718, 221.692



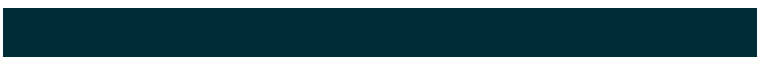
77, 26.554, 278.092



49, 3.982, 220.189



56, 34.378, 236.172



16, 14.864, 230.015

Inverse Universe

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



77, 38.125, 332.504



79, 48.527, 332.932



87, 26.418, 90.015



47, 7.477, 331.195



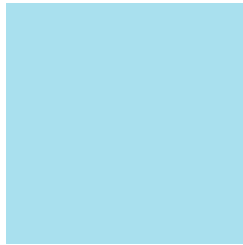
42, 77.164, 338.326



9, 34.404, 336.650

Previews

White Background



This preview shows how the CIELCh color 86, 19.024, 221.193 looks on a white background.

Color Contrast Check

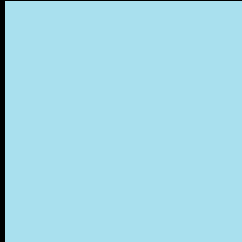
Large Text (above 18pt) WCAG AA × Fail

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, 19.024, 221.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

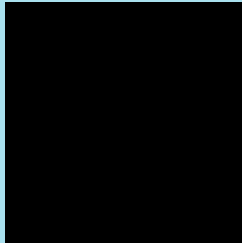
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.024, 221.193

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.024, 221.193.



This preview shows how white text looks on a background with the CIELCh color 86, 19.024, 221.193.

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, 19.261, 226.150

Trichromacy



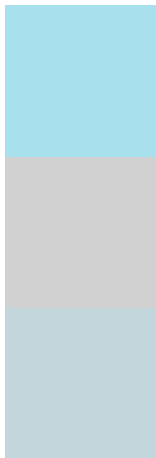
Original Color
86, 19.024, 221.193

Protanomaly
86, 11.077, 253.044

Deuteranomaly
86, 14.071, 276.000

Tritanomaly
86, 19.079, 224.645

Monochromacy



Original Color
86, 19.024, 221.193

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 7.587, 223.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.024, 221.193 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, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(169, 224, 238)  
}
```

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, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 224, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.024, 221.193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

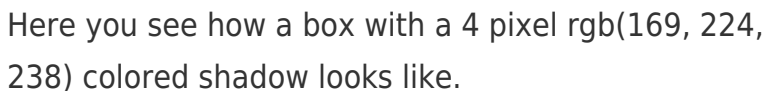
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 224, 238) }
```

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

```
.border{ border-color:rgb(169, 224, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 224, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 224, 238); box-shadow:4px 4px 4px 4px rgb(169, 224, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.024, 221.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 224, 238) }
```

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

```
.background{ background-color: rgb(169,  
224, 238) }
```

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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