

Converting Colors

CIELCh(86, 19.296, 241.215)

Have a look what the booklet for
CIELCh(86, 19.296, 241.215)
contains.

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Color

CIELCh(86, 19.071, 240.228)

Conversions

Conversions Part 1

Format	Color
Hex	B0DEF6
RGB	176, 222, 246
RGB Percent	69%, 87%, 96%
CMY	0.3106, 0.1302, 0.0361
CMYK	0.28, 0.10, 0.00, 0.04
HSL	201°, 79%, 83%
HSV	201°, 28%, 96%
XYZ	60.5335, 67.9871, 96.9600
YIQ	210.9820, -35.1200, -2.2880

Conversions

Conversions Part 2

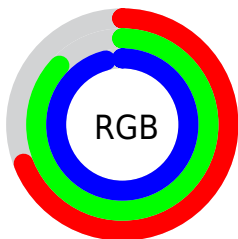
Format	Color
R _Y B	176, 204, 246
Decimal	11591414
CIE Lab	86.00, -9.47, -16.55
CIE LCh	86, 19.071, 240.228
Yxy	67.9871, 0.2685, 0.3015
Android (android.graphics.Color)	4289781494 (0xFFB0DEF6)
YUV	210.9820, 17.2639, -30.6792
Hunter-Lab	82.4543, -13.2500, -12.0025

Details

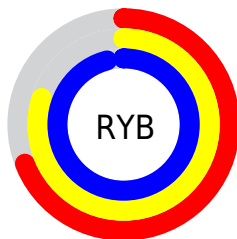
The CIELCh color `86, 19.071, 240.228` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `84, 22.280, 54.595`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 7.521, 199.018`, and `66, 19.067, 240.727` is the 20% darker color. If you saturate the color by 10%, you get `82, 25.078, 241.974`, and if you desaturate by 10%, it is `90, 12.661, 238.829`.

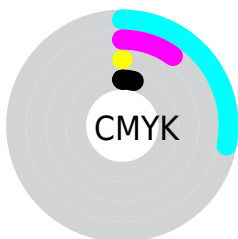
Distribution



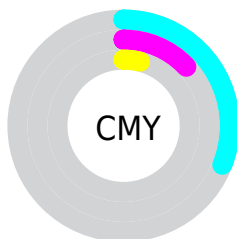
- Red (69%)
- Green (87%)
- Blue (96%)



- Red (69%)
- Yellow (80%)
- Blue (96%)



- Cyan (28%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)





- Cyan (31%)
- Magenta (13%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.071, 240.228 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, 19.071, 240.228 by changing the saturation by 10% instead.


 86, 19.071,
240.228

 86, 19.071,
240.228


 100, 19.071,
240.228


 76, 19.071,
240.228

 66, 19.071,
240.228

 56, 19.071,
240.228

 46, 19.071,
240.228

 36, 19.071,
240.228

 26, 19.071,
240.228

 16, 19.071,

240.228

■ 6, 19.071, 240.228

■ 0, 19.071, 240.228

■ 86, 19.071,
240.228

■ 86, 19.071,
240.228

■ 82, 25.078,
241.974

■ 90, 12.661,
238.829

■ 79, 30.617,
244.157

■ 94, 5.922, 237.749

■ 76, 35.638,
246.860

■ 97, 1.076, 56.220

■ 72, 40.129,
250.169

■ 100, 4.653,
109.814

■ 69, 44.139,

254.140

■ 67, 47.792,
258.767

■ 64, 51.301,
263.895

■ 64, 51.854,
264.668

Harmonies

Complementary

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



86, 19.071, 240.228



84, 22.280, 54.595

Rectangle

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



86, 19.071, 240.228



86, 19.071, 290.228



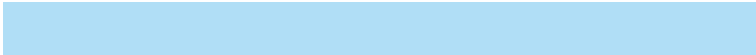
86, 19.071, 60.228



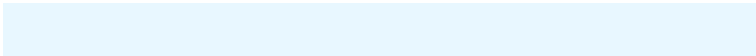
86, 19.071, 110.228

Sweetspot

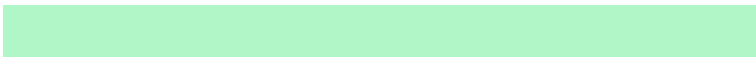
The Sweet Spot groups the original color and five complimentary colors.



86, 19.070, 240.224



96, 6.473, 237.798



91, 34.683, 153.309



51, 4.486, 237.938



0, 0.000, 0.000



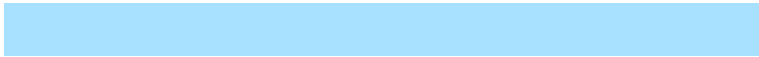
53, 0.007, 296.813

Same Dimension

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



86, 19.070, 240.224



87, 23.118, 241.154



77, 31.442, 286.256



49, 3.951, 237.842



49, 41.627, 263.694



14, 17.123, 255.676

Inverse Universe

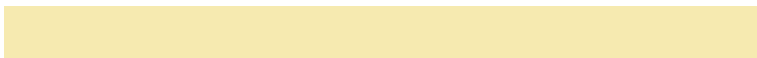
The Inverse Universe completely reimagines the original color for something new.



79, 34.922, 338.250



79, 42.901, 338.742



92, 30.186, 99.085



48, 6.885, 336.715



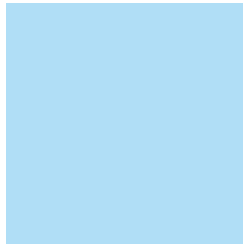
41, 71.007, 348.175



10, 32.447, 344.711

Previews

White Background



This preview shows how the CIELCh color 86, 19.071, 240.228 looks on a white background.

Color Contrast Check

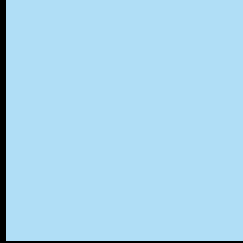
Large Text (above 18pt) WCAG AA × Fail

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, 19.071, 240.228 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, 19.071, 240.228

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.071, 240.228.



This preview shows how white text looks on a background with the CIELCh color 86, 19.071, 240.228.

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](#).

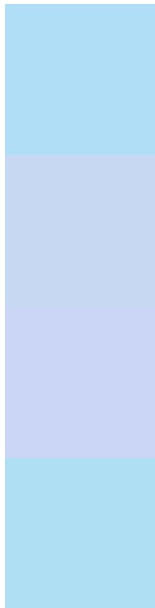
Dichromacy





Tritanopia
86, 17.938, 230.478

Trichromacy



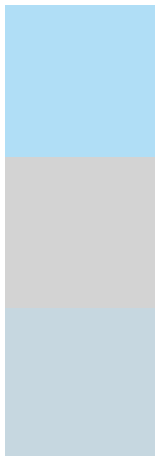
Original Color
86, 19.071, 240.228

Protanomaly
86, 14.768, 267.236

Deuteranomaly
86, 17.625, 279.627

Tritanomaly
86, 18.417, 233.486

Monochromacy



Original Color
86, 19.071, 240.228

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 7.484, 238.475

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.071, 240.228 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(176, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(176, 222, 246)  
}
```

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(176, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 222, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.071, 240.228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

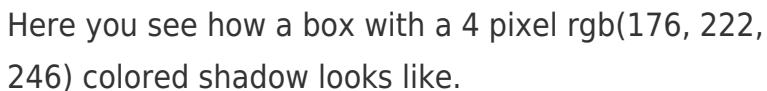
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 222, 246) }
```

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

```
.border{ border-color:rgb(176, 222, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 222, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 222, 246); box-shadow:4px 4px 4px 4px rgb(176, 222, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.071, 240.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 222, 246) }
```

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

```
.background{ background-color: rgb(176,  
222, 246) }
```

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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