

Converting Colors

CIELCh(86, 22.003, 244.964)

Have a look what the booklet for
CIELCh(86, 22.003, 244.964)
contains.

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Color

CIELCh(86, 22.027, 244.580)

Conversions

Conversions Part 1

Format	Color
Hex	ABDEFC
RGB	171, 222, 252
RGB Percent	67%, 87%, 99%
CMY	0.3291, 0.1291, 0.0114
CMYK	0.32, 0.12, 0.00, 0.01
HSL	202°, 93%, 83%
HSV	202°, 32%, 99%
XYZ	60.5396, 67.9871, 102.0984
YIQ	210.1710, -40.0260, -1.4820

Conversions

Conversions Part 2

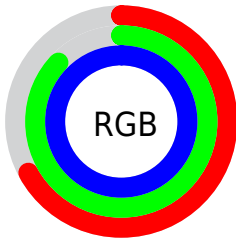
Format	Color
RYB	171, 202, 252
Decimal	11263740
CIELab	86.00, -9.46, -19.89
CIELCh	86, 22.027, 244.580
Yxy	67.9871, 0.2625, 0.2948
Android (android.graphics.Color)	4289453820 (0xFFABDEFC)
YUV	210.1710, 20.6217, -34.3530
Hunter-Lab	82.4543, -13.2366, -15.6974

Details

The CIELCh color **86, 22.027, 244.580** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **85, 25.969, 57.376**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **66, 21.913, 243.902** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.164, 246.605**, and if you desaturate by 10%, it is **90, 15.501, 242.939**.

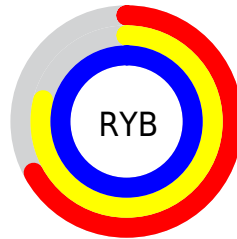
Distribution



Red (67%)

Green (87%)

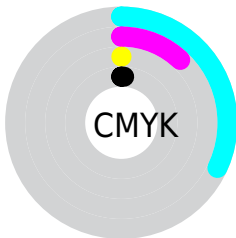
Blue (99%)



Red (67%)

Yellow (79%)

Blue (99%)

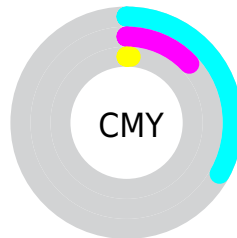


Cyan (32%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (33%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 22.027, 244.580 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, 22.027, 244.580 by changing the saturation by 10% instead.

■ 86, 22.027,
244.580

■ 86, 22.027,
244.580

■ 100, 22.027,
244.580

■ 76, 22.027,
244.580

■ 66, 22.027,
244.580

■ 56, 22.027,
244.580

■ 46, 22.027,
244.580

■ 36, 22.027,
244.580

■ 26, 22.027,
244.580

■ 16, 22.027,

244.580

■ 6, 22.027, 244.580

■ 0, 22.027, 244.580

■ 86, 22.027,
244.580

■ 86, 22.027,
244.580

■ 82, 28.164,
246.605

■ 90, 15.501,
242.939

■ 78, 33.861,
249.106

■ 94, 8.654, 241.631

■ 75, 39.090,
252.161

■ 98, 1.549, 240.837

■ 100, 1.466,
110.016

■ 72, 43.870,
255.839

■ 68, 48.288,

260.160

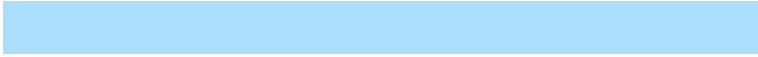
■ 65, 52.502,
265.057

■ 63, 55.841,
269.116

Harmonies

Complementary

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



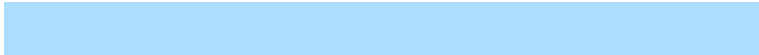
86, 22.027, 244.580



85, 25.969, 57.376

Rectangle

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



86, 22.027, 244.580



86, 22.027, 294.580



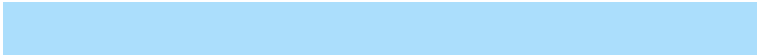
86, 22.027, 64.580



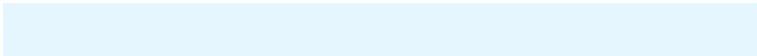
86, 22.027, 114.580

Sweetspot

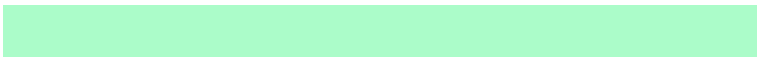
The Sweet Spot groups the original color and five complimentary colors.



86, 22.026, 244.577



96, 7.225, 241.394



93, 38.856, 154.311



51, 4.918, 241.549



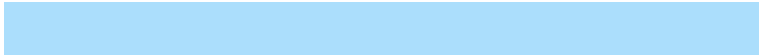
0, 0.000, 0.000



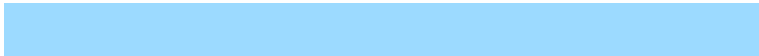
53, 0.007, 296.813

Same Dimension

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



86, 22.026, 244.577



84, 26.531, 245.928



76, 37.912, 288.595



50, 4.044, 241.339



48, 44.344, 268.128



14, 18.393, 260.490

Inverse Universe

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



79, 39.467, 339.874



76, 48.174, 340.540



95, 35.874, 100.564



49, 6.867, 337.943



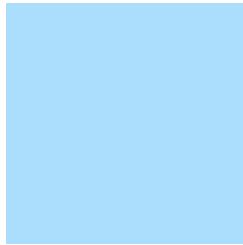
41, 70.661, 350.438



10, 32.810, 346.707

Previews

White Background



This preview shows how the CIE LCh color 86, 22.027, 244.580 looks on a white background.

Color Contrast Check

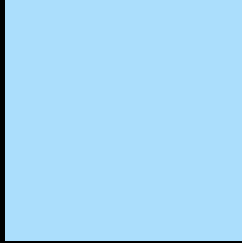
Large Text (above 18pt) WCAG AA × Fail

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, 22.027, 244.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

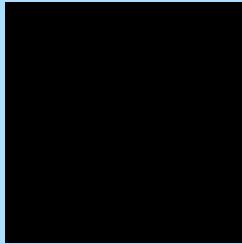
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

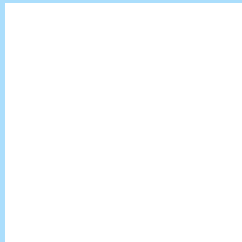
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 22.027, 244.580

Background



This preview shows how black text looks on a background with the CIELCh color 86, 22.027, 244.580.




This preview shows how white text looks on a background with the CIELCh color 86, 22.027, 244.580.

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, 19.710, 227.200

Trichromacy



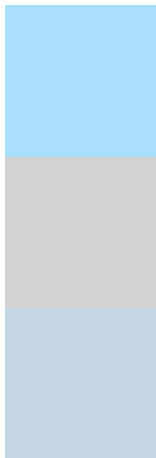
Original Color
86, 22.027, 244.580

Protanomaly
86, 17.973, 268.957

Deuteranomaly
86, 21.375, 279.565

Tritanomaly
86, 20.373, 235.063

Monochromacy



Original Color
86, 22.027, 244.580

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 8.399, 242.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 22.027, 244.580 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(171, 222, 252)` looks like.

```
.text, #text, p{  
    color:rgb(171, 222, 252)  
}
```

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(171, 222, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 222, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 22.027, 244.580 is called "border". The border property can be set on classes, ids or directly on the HTML element.

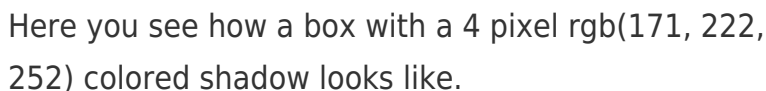
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 222, 252) }
```

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

```
.border{ border-color:rgb(171, 222, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 222, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 222, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 222, 252); box-shadow:4px 4px 4px 4px rgb(171, 222, 252) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 22.027, 244.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 222, 252) }
```

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

```
.background{ background-color: rgb(171,  
222, 252) }
```

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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