

Converting Colors

CIELCh(86, 21.723, 224.166)

Have a look what the booklet for
CIELCh(86, 21.723, 224.166)
contains.

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Color

CIELCh(86, 21.729, 224.179)

Conversions

Conversions Part 1

Format	Color
Hex	A2E1F3
RGB	162, 225, 243
RGB Percent	64%, 88%, 95%
CMY	0.3648, 0.1177, 0.0471
CMYK	0.33, 0.07, 0.00, 0.05
HSL	193°, 77%, 79%
HSV	193°, 33%, 95%
XYZ	57.9892, 67.9871, 94.8429
YIQ	208.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

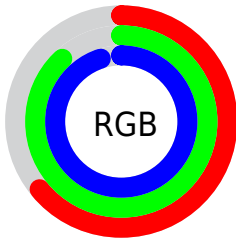
Format	Color
R _Y B	162, 197, 243
Decimal	10674675
CIE Lab	86.00, -15.58, -15.14
CIE LCh	86, 21.729, 224.179
Yxy	67.9871, 0.2626, 0.3079
Android (android.graphics.Color)	4288864755 (0xFFA2E1F3)
YUV	208.2150, 17.1490, -40.5306
Hunter-Lab	82.4543, -18.7580, -10.4802

Details

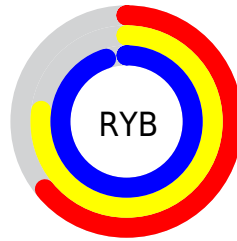
The CIELCh color **86, 21.729, 224.179** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 27.397, 41.485**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **66, 21.791, 223.773** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.083, 225.327**, and if you desaturate by 10%, it is **89, 15.756, 223.321**.

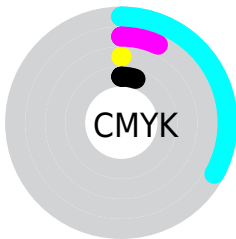
Distribution



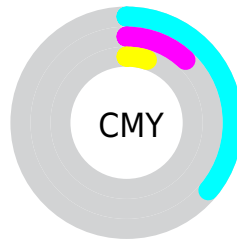
- Red (64%)
- Green (88%)
- Blue (95%)



- Red (64%)
- Yellow (77%)
- Blue (95%)



- Cyan (33%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.729, 224.179 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, 21.729, 224.179 by changing the saturation by 10% instead.

■ 86, 21.729,
224.179

■ 86, 21.729,
224.179

■ 100, 21.729,
224.179

■ 76, 21.729,
224.179

■ 66, 21.729,
224.179

■ 56, 21.729,
224.179

■ 46, 21.729,
224.179

■ 36, 21.729,
224.179

■ 26, 21.729,
224.179

■ 16, 21.729,

224.179

■ 6, 21.729, 224.179

■ 0, 21.729, 224.179

■ 86, 21.729,
224.179

■ 86, 21.729,
224.179

■ 83, 27.083,
225.327

■ 89, 15.756,
223.321

■ 81, 31.720,
226.850

■ 92, 9.272, 222.715

■ 95, 2.378, 222.457

■ 79, 35.560,
228.826

■ 98, 3.493, 50.989

■ 76, 38.567,
231.349

■ 99, 4.675, 96.524

■ 74, 40.774,

■ 100, 6.084,

234.504

109.710

■ 73, 42.298,
238.340

■ 71, 43.094,
241.192

Harmonies

Complementary

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



86, 21.729, 224.179



79, 27.397, 41.485

Rectangle

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



86, 21.729, 224.179



86, 21.729, 274.179



86, 21.729, 44.179



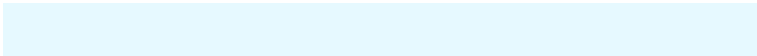
86, 21.729, 94.179

Sweetspot

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



86, 21.729, 224.175



97, 7.293, 222.569



89, 43.861, 148.462



51, 4.958, 222.628



0, 0.000, 0.000



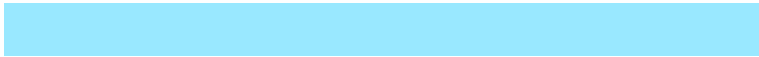
53, 0.007, 296.813

Same Dimension

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



86, 21.729, 224.175



88, 26.373, 224.918



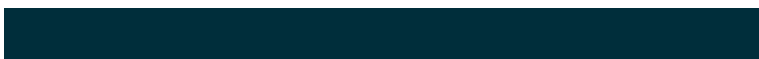
75, 31.852, 280.111



50, 4.015, 222.549



56, 35.180, 240.399



17, 15.372, 234.022

Inverse Universe

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



76, 43.911, 333.547



76, 54.471, 334.042



88, 31.442, 90.696



48, 7.504, 331.893



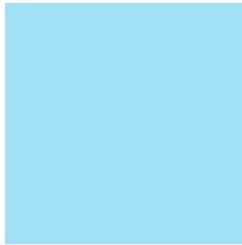
42, 76.851, 339.546



10, 34.916, 337.729

Previews

White Background



This preview shows how the CIELCh color 86, 21.729, 224.179 looks on a white background.

Color Contrast Check

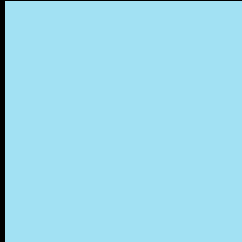
Large Text (above 18pt) WCAG AA × Fail

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, 21.729, 224.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

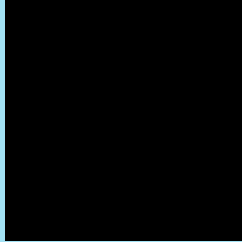
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.729, 224.179

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.729, 224.179.

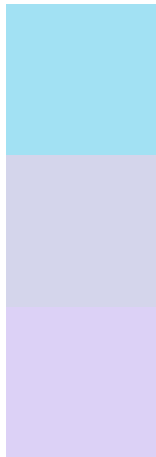


This preview shows how white text looks on a background with the CIELCh color 86, 21.729, 224.179.

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



Original Color
86, 21.729, 224.179

Protanopia
86, 11.560, 289.443

Deuteranopia
86, 19.888, 302.639



Tritanopia
86, 21.729, 224.179

Trichromacy



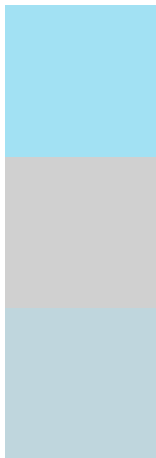
Original Color
86, 21.729, 224.179

Protanomaly
86, 13.281, 255.522

Deuteranomaly
86, 16.493, 272.650

Tritanomaly
86, 21.729, 224.179

Monochromacy



Original Color
86, 21.729, 224.179

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.699, 224.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.729, 224.179 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(162, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(162, 225, 243)  
}
```

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(162, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 225, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.729, 224.179 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(162, 225, 243) }
```

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

```
.border{ border-color:rgb(162, 225, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 225, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(162, 225,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.729, 224.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 225, 243) }
```

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

```
.background{ background-color: rgb(162,  
225, 243) }
```

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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