

Converting Colors

CIELCh(86, 21.913, 218.401)

Have a look what the booklet for
CIELCh(86, 21.913, 218.401)
contains.

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Color

CIELCh(86, 21.947, 217.815)

Conversions

Conversions Part 1

Format	Color
Hex	A0E2F0
RGB	160, 226, 240
RGB Percent	63%, 89%, 94%
CMY	0.3735, 0.1147, 0.0598
CMYK	0.33, 0.06, 0.00, 0.06
HSL	190°, 72%, 78%
HSV	190°, 33%, 94%
XYZ	57.2723, 67.9871, 92.3520
YIQ	207.8620, -43.8300, -9.6380

Conversions

Conversions Part 2

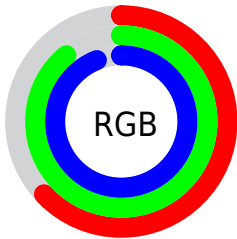
Format	Color
R _Y B	160, 196, 240
Decimal	10543856
CIE Lab	86.00, -17.34, -13.46
CIE LCh	86, 21.947, 217.815
Yxy	67.9871, 0.2632, 0.3124
Android (android.graphics.Color)	4288733936 (0xFFA0E2F0)
YUV	207.8620, 15.8440, -41.9750
Hunter-Lab	82.4543, -20.3099, -8.6891

Details

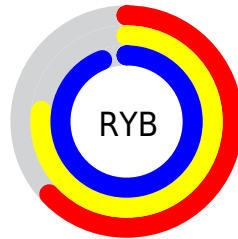
The CIELCh color **86, 21.947, 217.815** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 27.902, 36.859**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **66, 22.018, 217.062** is the 20% darker color. If you saturate the color by 10%, you get **84, 27.273, 218.595**, and if you desaturate by 10%, it is **88, 15.955, 217.272**.

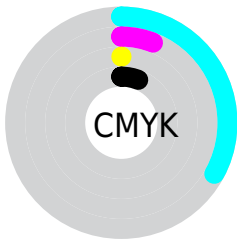
Distribution



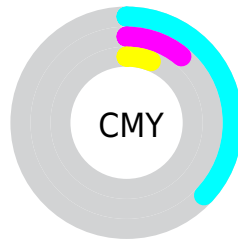
- Red (63%)
- Green (89%)
- Blue (94%)



- Red (63%)
- Yellow (77%)
- Blue (94%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)





- Cyan (37%)
- Magenta (11%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 21.947, 217.815 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, 21.947, 217.815 by changing the saturation by 10% instead.


 86, 21.947,
217.815


 86, 21.947,
217.815


 100, 21.947,
217.815


 76, 21.947,
217.815

 66, 21.947,
217.815

 56, 21.947,
217.815

 46, 21.947,
217.815

 36, 21.947,
217.815

 26, 21.947,
217.815

 16, 21.947,

217.815

■ 6, 21.947, 217.815

■ 0, 21.947, 217.815

■ 86, 21.947,
217.815

■ 86, 21.947,
217.815

■ 84, 27.273,
218.595

■ 88, 15.955,
217.272

■ 82, 31.823,
219.679

■ 91, 9.414, 216.937

■ 80, 35.507,
221.132

■ 94, 2.431, 216.914

■ 78, 38.276,
223.031

■ 97, 4.661, 37.271

■ 76, 40.142,

■ 98, 4.597, 69.918

■ 99, 5.840, 95.319

225.452

100, 7.716,
109.590

75, 41.202,
228.456

74, 41.614,
230.719

Harmonies

Complementary

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



86, 21.947, 217.815



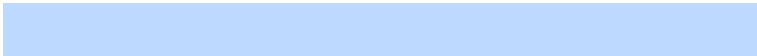
77, 27.902, 36.859

Rectangle

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



86, 21.947, 217.815



86, 21.947, 267.815



86, 21.947, 37.815



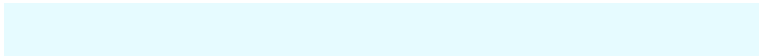
86, 21.947, 87.815

Sweetspot

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



86, 21.947, 217.811



97, 7.473, 216.872



88, 45.051, 146.807



51, 5.079, 216.896



0, 0.000, 0.000



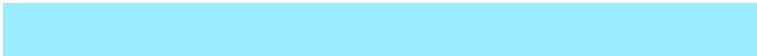
53, 0.007, 296.813

Same Dimension

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



86, 21.947, 217.811



89, 26.856, 218.312



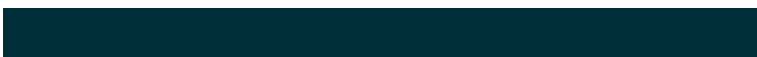
75, 29.621, 276.477



49, 4.044, 216.864



58, 34.050, 230.073



17, 14.865, 224.788

Inverse Universe

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



75, 44.907, 331.781



76, 56.247, 332.235



86, 29.831, 86.777



47, 7.626, 330.222



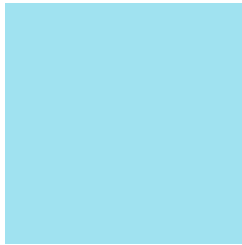
42, 78.794, 336.665



9, 35.040, 335.296

Previews

White Background



This preview shows how the CIELCh color 86, 21.947, 217.815 looks on a white background.

Color Contrast Check

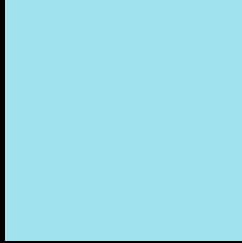
Large Text (above 18pt) WCAG AA × Fail

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, 21.947, 217.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

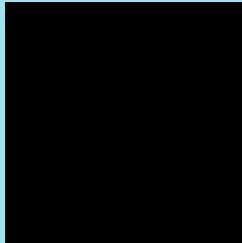
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.947, 217.815

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.947, 217.815.



This preview shows how white text looks on a background with the CIELCh color 86, 21.947, 217.815.

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](#).

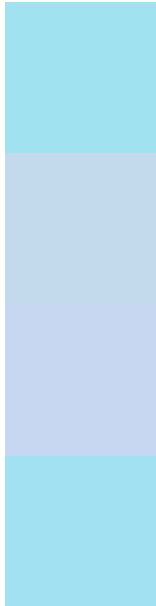
Dichromacy





Tritanopia
86, 21.980, 223.847

Trichromacy



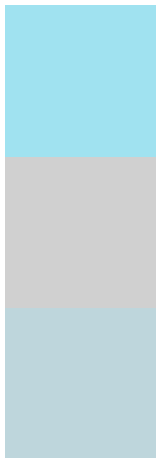
Original Color
86, 21.947, 217.815

Protanomaly
86, 11.890, 247.883

Deuteranomaly
86, 15.027, 270.462

Tritanomaly
86, 21.824, 222.501

Monochromacy



Original Color
86, 21.947, 217.815

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.830, 219.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.947, 217.815 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(160, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(160, 226, 240)  
}
```

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(160, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 226, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.947, 217.815 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(160, 226, 240) }
```

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

```
.border{ border-color:rgb(160, 226, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 226, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(160, 226,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.947, 217.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 226, 240) }
```

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

```
.background{ background-color: rgb(160,  
226, 240) }
```

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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