

Converting Colors

CIELCh(86, 20.818, 205.268)

Have a look what the booklet for
CIELCh(86, 20.818, 205.268)
contains.

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Color

CIELCh(86, 20.891, 205.316)

Conversions

Conversions Part 1

Format	Color
Hex	A2E2E7
RGB	162, 226, 231
RGB Percent	64%, 89%, 91%
CMY	0.3639, 0.1129, 0.0933
CMYK	0.30, 0.02, 0.00, 0.09
HSL	184°, 59%, 77%
HSV	184°, 30%, 91%
XYZ	56.6453, 67.9871, 85.8900
YIQ	207.4340, -39.7490, -12.0130

Conversions

Conversions Part 2

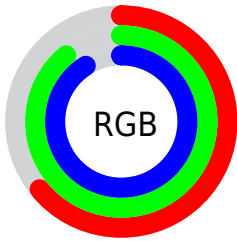
Format	Color
R _Y B	162, 195, 231
Decimal	10674919
CIE Lab	86.00, -18.88, -8.93
CIE LCh	86, 20.891, 205.316
Yxy	67.9871, 0.2691, 0.3229
Android (android.graphics.Color)	4288864999 (0xFFA2E2E7)
YUV	207.4340, 11.6180, -39.8456
Hunter-Lab	82.4543, -21.6672, -4.0425

Details

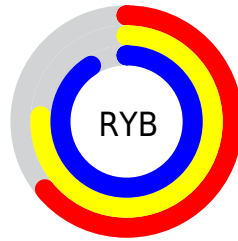
The CIELCh color **86, 20.891, 205.316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 25.829, 27.512**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **66, 20.916, 203.854** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.692, 205.299**, and if you desaturate by 10%, it is **88, 14.406, 205.445**.

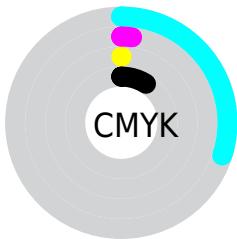
Distribution



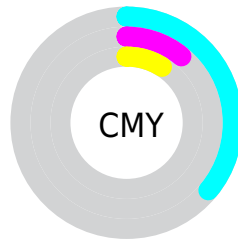
- Red (64%)
- Green (89%)
- Blue (91%)



- Red (64%)
- Yellow (76%)
- Blue (91%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)





- Cyan (36%)
- Magenta (11%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 20.891, 205.316 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, 20.891, 205.316 by changing the saturation by 10% instead.


 86, 20.891,
205.316


 86, 20.891,
205.316


 100, 20.891,
205.316


 76, 20.891,
205.316

 66, 20.891,
205.316

 56, 20.891,
205.316

 46, 20.891,
205.316

 36, 20.891,
205.316

 26, 20.891,
205.316

 16, 20.891,

205.316

■ 6, 20.891, 205.316

■ 0, 20.891, 205.316

■ 86, 20.891,
205.316

■ 86, 20.891,
205.316

■ 84, 26.692,
205.299

■ 88, 14.406,
205.445

■ 83, 31.686,
205.425

■ 90, 7.363, 205.698

■ 92, 0.119, 20.690

■ 82, 35.766,
205.715

■ 94, 7.930, 26.160

■ 81, 38.861,
206.194

■ 94, 7.589, 32.955

■ 80, 40.949,

■ 95, 7.255, 40.583

206.891

95, 7.062, 48.778

79, 42.073,
207.825

96, 7.021, 57.240

79, 42.429,
208.986

96, 7.134, 65.606

79, 42.432,
209.004

Harmonies

Complementary

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



86, 20.891, 205.316



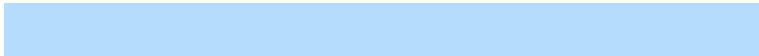
74, 25.829, 27.512

Rectangle

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



86, 20.891, 205.316



86, 20.891, 255.316



86, 20.891, 25.316



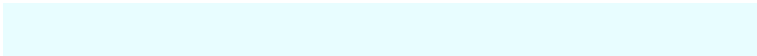
86, 20.891, 75.316

Sweetspot

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



86, 20.891, 205.312



98, 7.302, 205.725



86, 42.067, 144.145



52, 5.055, 205.676



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, 20.891, 205.312



93, 26.557, 205.288



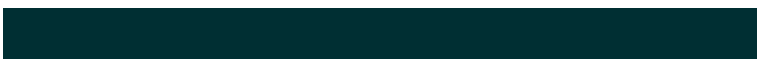
77, 22.771, 267.065



47, 4.226, 205.711



62, 35.008, 208.773



17, 14.865, 206.697

Inverse Universe

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



75, 41.918, 328.157



79, 54.508, 328.518



83, 23.924, 78.368



45, 7.905, 326.967



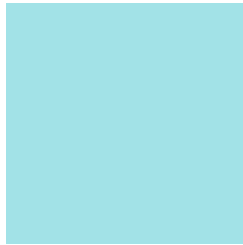
42, 83.556, 331.333



8, 35.371, 330.823

Previews

White Background



This preview shows how the CIE LCh color 86, 20.891, 205.316 looks on a white background.

Color Contrast Check

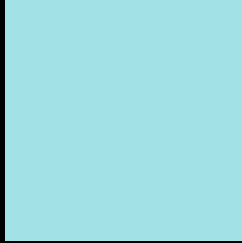
Large Text (above 18pt) WCAG AA × Fail

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, 20.891, 205.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

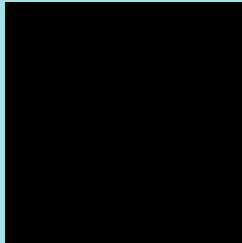
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.891, 205.316

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.891, 205.316.

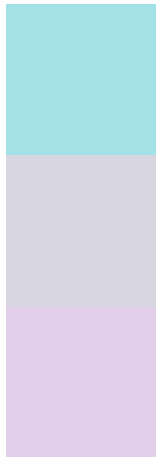


This preview shows how white text looks on a background with the CIELCh color 86, 20.891, 205.316.

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, 20.891, 205.316

Protanopia
86, 5.317, 298.300

Deuteranopia
86, 15.612, 315.139

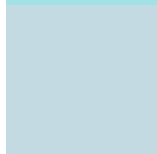


Tritanopia
86, 20.725, 225.613

Trichromacy



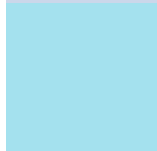
Original Color
86, 20.891, 205.316



Protanomaly
86, 8.590, 228.361



Deuteranomaly
86, 10.704, 268.442

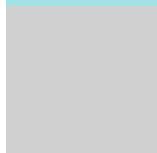


Tritanomaly
86, 20.511, 217.762

Monochromacy



Original Color
86, 20.891, 205.316



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 8.408, 202.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.891, 205.316 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, 226, 231)` looks like.

```
.text, #text, p{  
    color:rgb(162, 226, 231)  
}
```

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, 226, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 226, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.891, 205.316 is called "border". The border property can be set on classes, ids or directly on the HTML element.

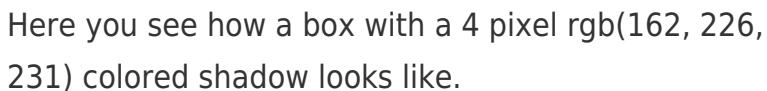
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 226, 231) }
```

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

```
.border{ border-color:rgb(162, 226, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 226, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 226, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 226, 231); box-shadow:4px 4px 4px 4px rgb(162, 226, 231) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.891, 205.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 226, 231) }
```

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

```
.background{ background-color: rgb(162,  
226, 231) }
```

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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