

Converting Colors

CIELCh(86, 20.291, 200.131)

Have a look what the booklet for
CIELCh(86, 20.291, 200.131)
contains.

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Color

CIELCh(86, 20.360, 201.032)

Conversions

Conversions Part 1

Format	Color
Hex	A4E2E4
RGB	164, 226, 228
RGB Percent	64%, 89%, 89%
CMY	0.3563, 0.1131, 0.1053
CMYK	0.28, 0.01, 0.00, 0.11
HSL	182°, 54%, 77%
HSV	182°, 28%, 89%
XYZ	56.5973, 67.9871, 83.6424
YIQ	207.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

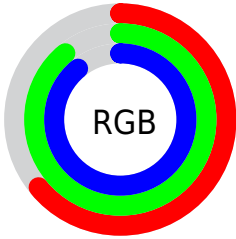
Format	Color
RYB	164, 195, 228
Decimal	10805988
CIELab	86.00, -19.00, -7.31
CIElCh	86, 20.360, 201.032
Yxy	67.9871, 0.2718, 0.3265
Android (android.graphics.Color)	4288996068 (0xFFA4E2E4)
YUV	207.6900, 10.0128, -38.3161
Hunter-Lab	82.4543, -21.7711, -2.4263

Details

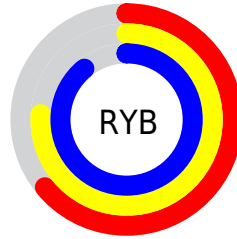
The CIELCh color **86, 20.360, 201.032** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 24.733, 24.039**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **66, 20.433, 200.870** is the 20% darker color. If you saturate the color by 10%, you get **85, 26.477, 200.760**, and if you desaturate by 10%, it is **87, 13.567, 201.378**.

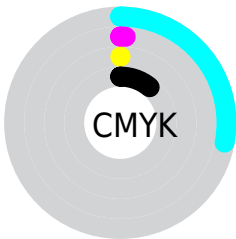
Distribution



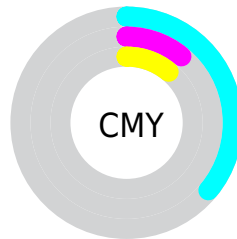
- Red (64%)
- Green (89%)
- Blue (89%)



- Red (64%)
- Yellow (76%)
- Blue (89%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 20.360, 201.032 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, 20.360, 201.032 by changing the saturation by 10% instead.

■ 86, 20.360,
201.032

■ 86, 20.360,
201.032

■ 100, 20.360,
201.032

■ 76, 20.360,
201.032

■ 66, 20.360,
201.032

■ 56, 20.360,
201.032

■ 46, 20.360,
201.032

■ 36, 20.360,
201.032

■ 26, 20.360,
201.032

■ 16, 20.360,

201.032

■ 6, 20.360, 201.032

■ 0, 20.360, 201.032

■ 86, 20.360,
201.032

■ 86, 20.360,
201.032

■ 85, 26.477,
200.760

■ 87, 13.567,
201.378

■ 84, 31.792,
200.584

■ 89, 6.225, 201.830

■ 91, 1.541, 21.782

■ 83, 36.196,
200.510

■ 93, 9.473, 22.633

■ 82, 39.615,
200.548

■ 93, 9.238, 24.942

■ 81, 42.020,

■ 93, 9.019, 27.366

200.708

93, 8.818, 29.906

81, 43.448,
200.995

94, 8.635, 32.559

80, 44.033,
201.403

94, 8.472, 35.320

80, 44.105,
201.489

Harmonies

Complementary

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



86, 20.360, 201.032



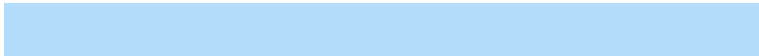
74, 24.733, 24.039

Rectangle

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



86, 20.360, 201.032



86, 20.360, 251.032



86, 20.360, 21.032



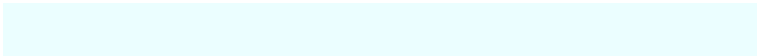
86, 20.360, 71.032

Sweetspot

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



86, 20.360, 201.028



98, 6.769, 201.830



85, 40.498, 142.940



52, 4.792, 201.751



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, 20.360, 201.028



94, 26.339, 200.853



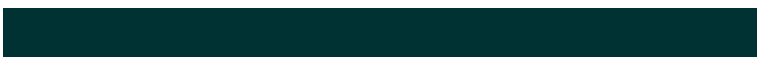
78, 20.065, 261.592



47, 4.396, 201.756



64, 36.734, 201.404



18, 15.512, 200.599

Inverse Universe

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



75, 40.108, 326.838



80, 53.020, 327.172



81, 21.504, 73.643



45, 8.132, 325.789



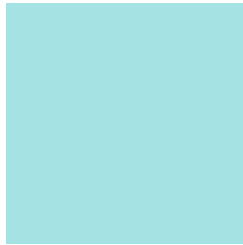
42, 86.298, 329.508



8, 36.351, 329.306

Previews

White Background



This preview shows how the CIE LCh color 86, 20.360, 201.032 looks on a white background.

Color Contrast Check

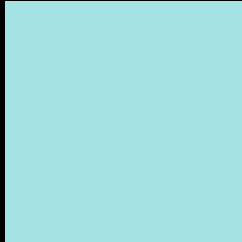
Large Text (above 18pt) WCAG AA × Fail

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, 20.360, 201.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

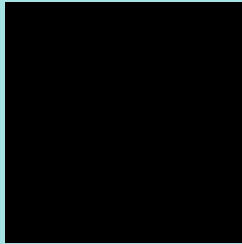
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 20.360, 201.032

Background



This preview shows how black text looks on a background with the CIELCh color 86, 20.360, 201.032.

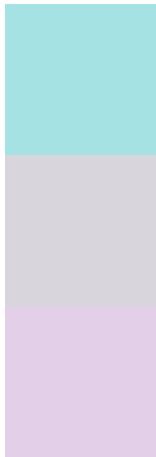


This preview shows how white text looks on a background with the CIELCh color 86, 20.360, 201.032.

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, 20.360, 201.032

Protanopia
86, 3.851, 306.658

Deuteranopia
86, 14.358, 319.001

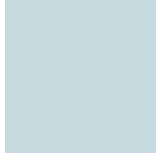


Tritanopia
86, 20.218, 226.384

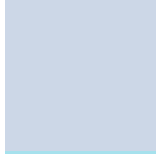
Trichromacy



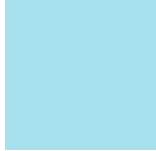
Original Color
86, 20.360, 201.032



Protanomaly
86, 7.705, 218.973

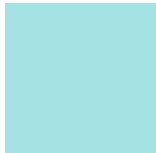


Deuteranomaly
86, 9.144, 266.372

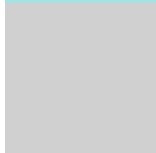


Tritanomaly
86, 19.857, 216.837

Monochromacy



Original Color
86, 20.360, 201.032



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 8.079, 198.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 20.360, 201.032 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(164, 226, 228)` looks like.

```
.text, #text, p{  
    color:rgb(164, 226, 228)  
}
```

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(164, 226, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 226, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 20.360, 201.032 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(164, 226, 228) }
```

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

```
.border{ border-color:rgb(164, 226, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 226, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 226, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 226, 228);  
box-shadow:4px 4px 4px 4px rgb(164, 226,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 20.360, 201.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 226, 228) }
```

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

```
.background{ background-color: rgb(164,  
226, 228) }
```

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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