

Converting Colors

CIELCh(88, 16.853, 203.222)

Have a look what the booklet for
CIELCh(88, 16.853, 203.222)
contains.

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Color

CIELCh(88, 17.006, 203.628)

Conversions

Conversions Part 1

Format	Color
Hex	B3E6E9
RGB	179, 230, 233
RGB Percent	70%, 90%, 91%
CMY	0.2980, 0.0980, 0.0862
CMYK	0.23, 0.01, 0.00, 0.09
HSL	183°, 55%, 81%
HSV	183°, 23%, 91%
XYZ	61.5993, 72.0653, 87.7593
YIQ	215.0930, -31.3590, -9.8790

Conversions

Conversions Part 2

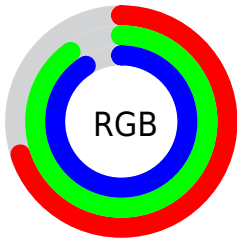
Format	Color
RYB	179, 205, 233
Decimal	11790057
CIELab	88.00, -15.58, -6.82
CIELCh	88, 17.006, 203.628
Yxy	72.0653, 0.2782, 0.3255
Android (android.graphics.Color)	4289980137 (0xFFB3E6E9)
YUV	215.0930, 8.8282, -31.6536
Hunter-Lab	84.8913, -19.0356, -1.8692

Details

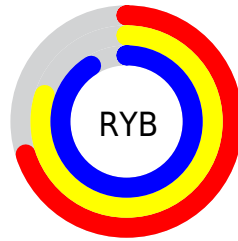
The CIELCh color **88, 17.006, 203.628** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 19.942, 25.555**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **68, 16.845, 203.736** is the 20% darker color. If you saturate the color by 10%, you get **86, 23.419, 203.437**, and if you desaturate by 10%, it is **90, 9.981, 203.910**.

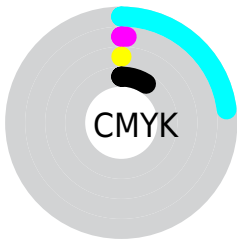
Distribution



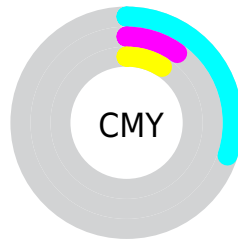
- Red (70%)
- Green (90%)
- Blue (91%)



- Red (70%)
- Yellow (80%)
- Blue (91%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.006, 203.628 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 88, 17.006, 203.628 by changing the saturation by 10% instead.

■ 88, 17.006,
203.628

■ 88, 17.006,
203.628

■ 100, 17.006,
203.628

■ 78, 17.006,
203.628

■ 68, 17.006,
203.628

■ 58, 17.006,
203.628

■ 48, 17.006,
203.628

■ 38, 17.006,
203.628

■ 28, 17.006,
203.628

■ 18, 17.006,

203.628

■ 8, 17.006, 203.628

■ 0, 17.006, 203.628

■ 88, 17.006,
203.628

■ 88, 17.006,
203.628

■ 86, 23.419,
203.437

■ 90, 9.981, 203.910

■ 85, 29.090,
203.360

■ 92, 2.468, 204.431

■ 94, 5.416, 24.449

■ 84, 33.898,
203.409

■ 95, 7.237, 28.638

■ 83, 37.747,
203.602

■ 95, 6.913, 34.608

■ 95, 6.671, 41.085

■ 82, 40.580,

203.960

96, 6.521, 47.949

81, 42.398,
204.499

96, 6.469, 55.024

81, 43.274,
205.231

96, 6.517, 62.098

80, 43.476,
205.822

Harmonies

Complementary

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



88, 17.006, 203.628



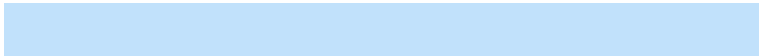
78, 19.942, 25.555

Rectangle

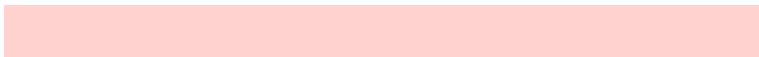
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 17.006, 203.628



88, 17.006, 253.628



88, 17.006, 23.628



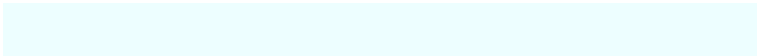
88, 17.006, 73.628

Sweetspot

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



88, 17.007, 203.623



98, 5.800, 204.159



88, 33.281, 144.250



52, 3.763, 204.129



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 17.007, 203.623



94, 21.705, 203.518



81, 17.482, 264.146



48, 4.371, 204.049



64, 36.030, 205.659



18, 15.576, 204.207

Inverse Universe

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



79, 33.184, 327.270



83, 43.098, 327.551



85, 18.258, 77.632



46, 8.144, 326.477



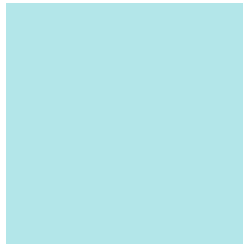
42, 85.563, 330.567



9, 36.874, 330.208

Previews

White Background



This preview shows how the CIE LCh color 88, 17.006, 203.628 looks on a white background.

Color Contrast Check

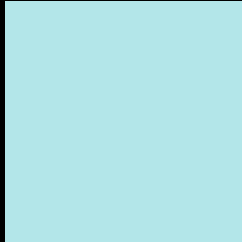
Large Text (above 18pt) WCAG AA × Fail

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 88, 17.006, 203.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

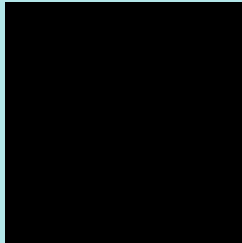
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 17.006, 203.628

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.006, 203.628.



This preview shows how white text looks on a background with the CIELCh color 88, 17.006, 203.628.

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](#).

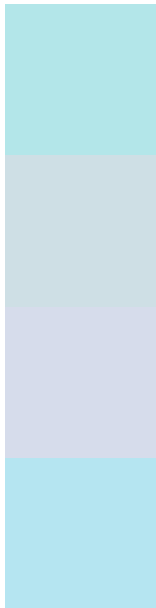
Dichromacy





Tritanopia
88, 17.391, 231.487

Trichromacy



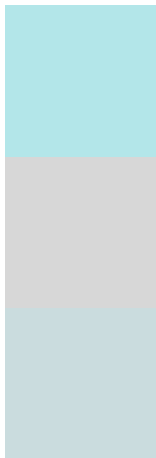
Original Color
88, 17.006, 203.628

Protanomaly
88, 6.629, 227.411

Deuteranomaly
88, 8.073, 275.913

Tritanomaly
88, 16.765, 220.537

Monochromacy



Original Color
88, 17.006, 203.628

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 6.377, 208.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.006, 203.628 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(179, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 233)  
}
```

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(179, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.006, 203.628 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(179, 230, 233) }
```

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

```
.border{ border-color:rgb(179, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.006, 203.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 233) }
```

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

```
.background{ background-color: rgb(179,  
230, 233) }
```

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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