

Converting Colors

CIELCh(88, 15.753, 215.559)

Have a look what the booklet for
CIELCh(88, 15.753, 215.559)
contains.

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Color

CIELCh(88, 15.809, 215.858)

Conversions

Conversions Part 1

Format	Color
Hex	B7E5EE
RGB	183, 229, 238
RGB Percent	72%, 90%, 93%
CMY	0.2835, 0.1031, 0.0678
CMYK	0.23, 0.04, 0.00, 0.07
HSL	190°, 61%, 82%
HSV	190°, 23%, 93%
XYZ	62.7889, 72.0653, 91.2629
YIQ	216.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

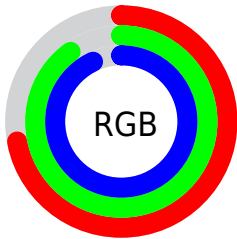
Format	Color
R _Y B	183, 208, 238
Decimal	12051950
CIE Lab	88.00, -12.81, -9.26
CIE LCh	88, 15.809, 215.858
Yxy	72.0653, 0.2777, 0.3187
Android (android.graphics.Color)	4290242030 (0xFFB7E5EE)
YUV	216.2720, 10.7119, -29.1795
Hunter-Lab	84.8913, -16.5342, -4.3162

Details

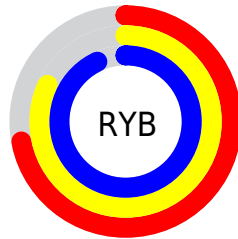
The CIELCh color **88, 15.809, 215.858** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 18.540, 35.454**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **68, 15.831, 214.495** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.806, 216.311**, and if you desaturate by 10%, it is **91, 9.259, 215.586**.

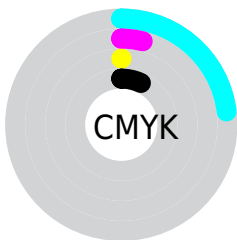
Distribution



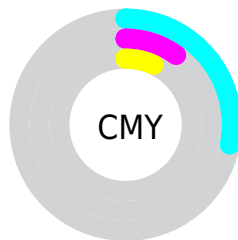
- Red (72%)
- Green (90%)
- Blue (93%)



- Red (72%)
- Yellow (82%)
- Blue (93%)



- Cyan (23%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)





- Cyan (28%)
- Magenta (10%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.809, 215.858 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, 15.809, 215.858 by changing the saturation by 10% instead.


 88, 15.809,
215.858


 88, 15.809,
215.858


 100, 15.809,
215.858


 78, 15.809,
215.858

 68, 15.809,
215.858

 58, 15.809,
215.858

 48, 15.809,
215.858

 38, 15.809,
215.858

 28, 15.809,
215.858

 18, 15.809,

215.858

■ 8, 15.809, 215.858

■ 0, 15.809, 215.858

■ 88, 15.809,
215.858

■ 88, 15.809,
215.858

■ 86, 21.806,
216.311

■ 91, 9.259, 215.586

■ 83, 27.134,
216.999

■ 93, 2.267, 215.640

■ 81, 31.681,
217.969

■ 96, 5.068, 35.192

■ 80, 35.354,
219.284

■ 97, 5.077, 60.611

■ 78, 38.101,

■ 98, 5.832, 84.873

■ 99, 7.338, 101.312

221.015

100, 8.754,
109.513

76, 39.929,
223.235

75, 40.927,
226.002

74, 41.287,
228.174

Harmonies

Complementary

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



88, 15.809, 215.858



81, 18.540, 35.454

Rectangle

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



88, 15.809, 215.858



88, 15.809, 265.858



88, 15.809, 35.858



88, 15.809, 85.858

Sweetspot

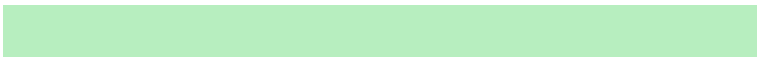
The Sweet Spot groups the original color and five complimentary colors.



88, 15.809, 215.852



98, 5.310, 215.534



89, 31.463, 147.216



52, 3.445, 215.533



0, 0.000, 0.000



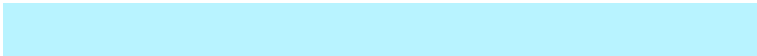
53, 0.007, 296.813

Same Dimension

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



88, 15.809, 215.852



92, 19.898, 216.054



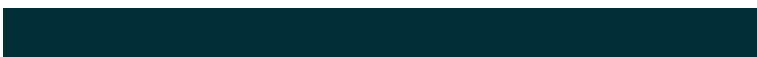
81, 19.836, 273.208



49, 4.074, 215.541



58, 34.018, 227.589



17, 14.898, 222.682

Inverse Universe

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



80, 31.251, 330.710



83, 40.023, 331.031



88, 20.036, 86.778



47, 7.688, 329.837



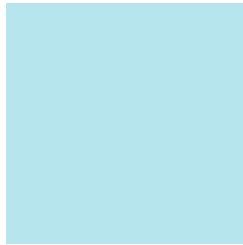
42, 79.478, 336.015



9, 35.306, 334.763

Previews

White Background



This preview shows how the CIELCh color 88, 15.809, 215.858 looks on a white background.

Color Contrast Check

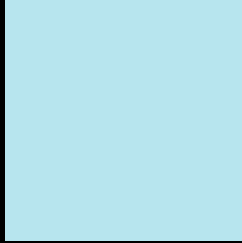
Large Text (above 18pt) WCAG AA × Fail

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, 15.809, 215.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

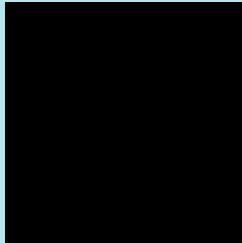
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 15.809, 215.858

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.809, 215.858.



This preview shows how white text looks on a background with the CIELCh color 88, 15.809, 215.858.

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](#).

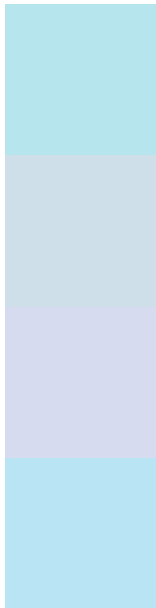
Dichromacy





Tritanopia
88, 16.902, 234.818

Trichromacy



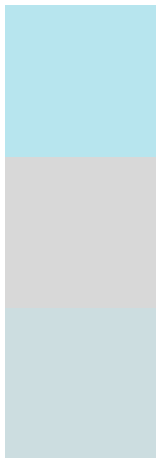
Original Color
88, 15.809, 215.858

Protanomaly
88, 7.871, 246.192

Deuteranomaly
88, 11.081, 282.187

Tritanomaly
88, 16.203, 227.650

Monochromacy



Original Color
88, 15.809, 215.858

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 6.124, 213.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.809, 215.858 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(183, 229, 238)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 238)  
}
```

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(183, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.809, 215.858 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(183, 229, 238) }
```

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

```
.border{ border-color:rgb(183, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 229, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 229, 238); box-shadow:4px 4px 4px 4px rgb(183, 229, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.809, 215.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 229, 238) }
```

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

```
.background{ background-color: rgb(183,  
229, 238) }
```

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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