

Converting Colors

CIELCh(88, 16.381, 213.419)

Have a look what the booklet for
CIELCh(88, 16.381, 213.419)
contains.

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Color

CIELCh(88, 16.305, 213.352)

Conversions

Conversions Part 1

Format	Color
Hex	B5E5ED
RGB	181, 229, 237
RGB Percent	71%, 90%, 93%
CMY	0.2897, 0.1015, 0.0701
CMYK	0.24, 0.03, 0.00, 0.07
HSL	189°, 61%, 82%
HSV	189°, 24%, 93%
XYZ	62.4404, 72.0653, 90.8332
YIQ	215.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

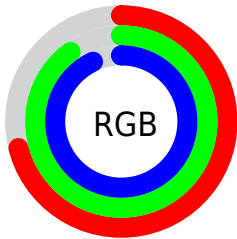
Format	Color
RYB	181, 207, 237
Decimal	11920877
CIELab	88.00, -13.62, -8.96
CIELCh	88, 16.305, 213.352
Yxy	72.0653, 0.2771, 0.3198
Android (android.graphics.Color)	4290110957 (0xFFB5E5ED)
YUV	215.5600, 10.5699, -30.3091
Hunter-Lab	84.8913, -17.2669, -4.0161

Details

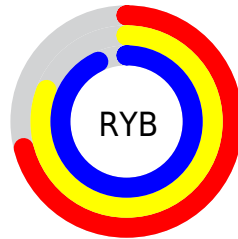
The CIELCh color **88, 16.305, 213.352** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 19.212, 33.435**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **68, 16.133, 214.175** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.331, 213.680**, and if you desaturate by 10%, it is **90, 9.705, 213.187**.

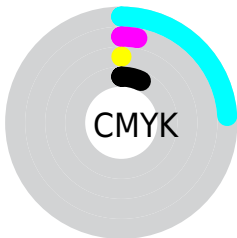
Distribution



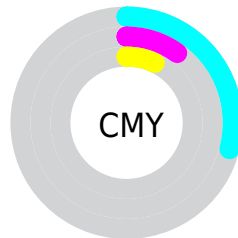
- Red (71%)
- Green (90%)
- Blue (93%)



- Red (71%)
- Yellow (81%)
- Blue (93%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)





- Cyan (29%)
- Magenta (10%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 16.305, 213.352 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, 16.305, 213.352 by changing the saturation by 10% instead.


 88, 16.305,
213.352


 88, 16.305,
213.352


 100, 16.305,
213.352


 78, 16.305,
213.352

 68, 16.305,
213.352

 58, 16.305,
213.352

 48, 16.305,
213.352

 38, 16.305,
213.352

 28, 16.305,
213.352

 18, 16.305,

213.352

■ 8, 16.305, 213.352

■ 0, 16.305, 213.352

■ 88, 16.305,
213.352

■ 88, 16.305,
213.352

■ 86, 22.331,
213.680

■ 90, 9.705, 213.187

■ 84, 27.664,
214.221

■ 93, 2.647, 213.301

■ 82, 32.189,
215.013

■ 95, 4.766, 32.969

■ 80, 35.813,
216.112

■ 97, 5.234, 52.232

■ 79, 38.481,

■ 97, 5.545, 74.456

■ 98, 6.553, 91.979

217.581

99, 7.993, 103.981

77, 40.200,
219.481

100, 9.049,
109.491

76, 41.056,
221.864

75, 41.295,
223.599

Harmonies

Complementary

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



88, 16.305, 213.352



81, 19.212, 33.435

Rectangle

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



88, 16.305, 213.352



88, 16.305, 263.352



88, 16.305, 33.352



88, 16.305, 83.352

Sweetspot

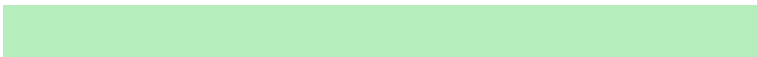
The Sweet Spot groups the original color and five complimentary colors.



88, 16.305, 213.346



98, 5.387, 213.195



89, 32.445, 146.654



52, 3.495, 213.188



0, 0.000, 0.000



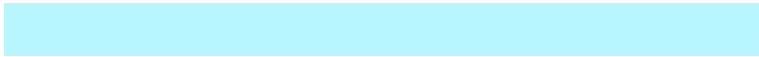
53, 0.007, 296.813

Same Dimension

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



88, 16.305, 213.346



93, 20.170, 213.473



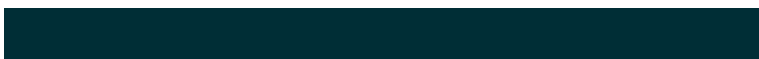
81, 19.829, 271.916



48, 4.060, 213.177



59, 33.759, 223.069



17, 14.575, 218.656

Inverse Universe

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



80, 32.304, 330.035



83, 40.600, 330.317



87, 20.136, 85.294



46, 7.664, 329.149



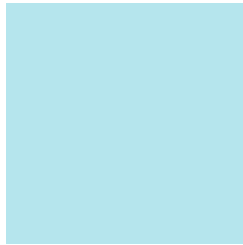
42, 79.929, 334.861



9, 34.785, 333.759

Previews

White Background



This preview shows how the CIELCh color 88, 16.305, 213.352 looks on a white background.

Color Contrast Check

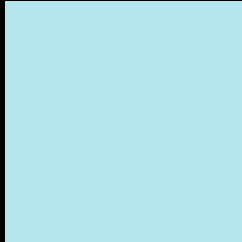
Large Text (above 18pt) WCAG AA × Fail

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, 16.305, 213.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

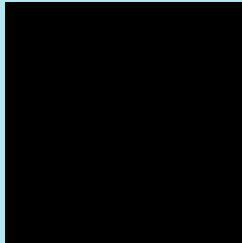
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.305, 213.352

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.305, 213.352.



This preview shows how white text looks on a background with the CIELCh color 88, 16.305, 213.352.

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](#).

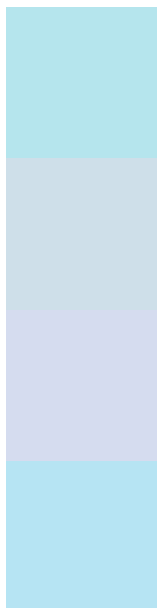
Dichromacy





Tritanopia
88, 17.138, 232.048

Trichromacy



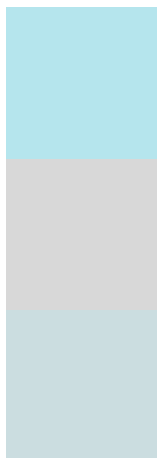
Original Color
88, 16.305, 213.352

Protanomaly
88, 7.762, 241.564

Deuteranomaly
88, 10.169, 277.332

Tritanomaly
88, 16.738, 226.609

Monochromacy



Original Color
88, 16.305, 213.352

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 6.456, 213.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.305, 213.352 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(181, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(181, 229, 237)  
}
```

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(181, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 229, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.305, 213.352 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(181, 229, 237) }
```

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

```
.border{ border-color:rgb(181, 229, 237) }
```

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

Here you see how a box with a 4 pixel rgb(181, 229, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(181, 229,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.305, 213.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 229, 237) }
```

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

```
.background{ background-color: rgb(181,  
229, 237) }
```

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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