

Converting Colors

CIELCh(88, 18.367, 229.126)

Have a look what the booklet for
CIELCh(88, 18.367, 229.126)
contains.

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Color

CIELCh(88, 18.187, 227.874)

Conversions

Conversions Part 1

Format	Color
Hex	B3E5F6
RGB	179, 229, 246
RGB Percent	70%, 90%, 96%
CMY	0.2991, 0.1031, 0.0364
CMYK	0.27, 0.07, 0.00, 0.04
HSL	195°, 78%, 83%
HSV	195°, 27%, 96%
XYZ	63.0546, 72.0653, 97.5406
YIQ	215.9880, -35.2570, -5.3130

Conversions

Conversions Part 2

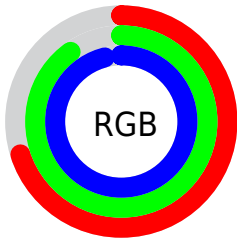
Format	Color
RYB	179, 208, 246
Decimal	11789814
CIELab	88.00, -12.20, -13.49
CIElCh	88, 18.187, 227.874
Yxy	72.0653, 0.2710, 0.3097
Android (android.graphics.Color)	4289979894 (0xFFB3E5F6)
YUV	215.9880, 14.7959, -32.4385
Hunter-Lab	84.8913, -15.9754, -8.7007

Details

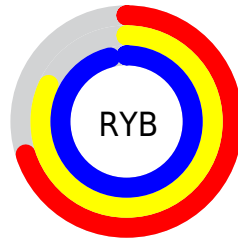
The CIELCh color **88, 18.187, 227.874** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 21.719, 44.822**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **68, 18.390, 227.076** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.989, 229.050**, and if you desaturate by 10%, it is **91, 11.864, 226.980**.

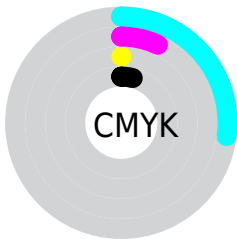
Distribution



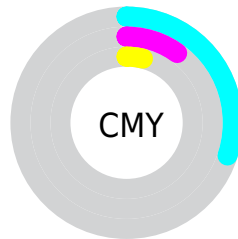
- Red (70%)
- Green (90%)
- Blue (96%)



- Red (70%)
- Yellow (82%)
- Blue (96%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (10%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 18.187, 227.874 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, 18.187, 227.874 by changing the saturation by 10% instead.


 88, 18.187,
227.874


 88, 18.187,
227.874


 100, 18.187,
227.874


 78, 18.187,
227.874

 68, 18.187,
227.874

 58, 18.187,
227.874

 48, 18.187,
227.874

 38, 18.187,
227.874

 28, 18.187,
227.874

 18, 18.187,

227.874

■ 8, 18.187, 227.874

■ 0, 18.187, 227.874

■ 88, 18.187,
227.874

■ 88, 18.187,
227.874

■ 85, 23.989,
229.050

■ 91, 11.864,
226.980

■ 82, 29.172,
230.591

■ 94, 5.118, 226.365

■ 98, 1.962, 45.422

■ 79, 33.653,
232.577

■ 99, 4.042, 103.058

■ 77, 37.376,
235.102

■ 100, 4.700,
109.810

■ 75, 40.343,

238.258

■ 72, 42.633,
242.111

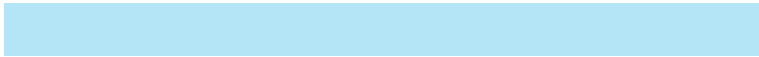
■ 70, 44.429,
246.646

■ 70, 44.905,
247.931

Harmonies

Complementary

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



88, 18.187, 227.874



83, 21.719, 44.822

Rectangle

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



88, 18.187, 227.874



88, 18.187, 277.874



88, 18.187, 47.874



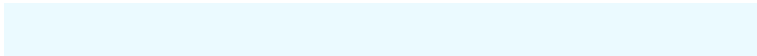
88, 18.187, 97.874

Sweetspot

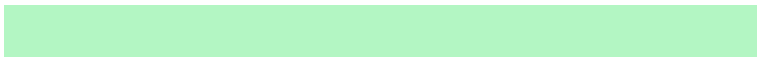
The Sweet Spot groups the original color and five complimentary colors.



88, 18.187, 227.869



97, 5.799, 226.399



91, 35.381, 150.229



51, 4.106, 226.475



0, 0.000, 0.000



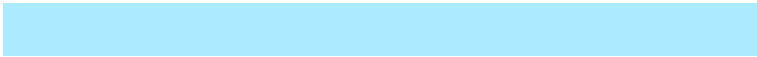
53, 0.007, 296.813

Same Dimension

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



88, 18.187, 227.869



89, 22.239, 228.515



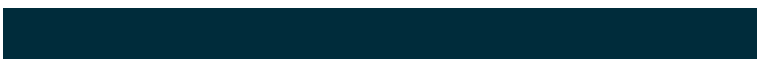
79, 27.184, 281.181



50, 3.972, 226.472



54, 36.271, 247.032



16, 15.617, 239.958

Inverse Universe

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



80, 35.535, 334.342



80, 44.247, 334.777



91, 26.670, 93.890



48, 7.337, 333.071



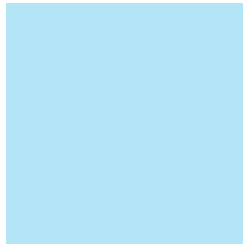
42, 75.149, 341.616



10, 34.220, 339.416

Previews

White Background



This preview shows how the CIELCh color 88, 18.187, 227.874 looks on a white background.

Color Contrast Check

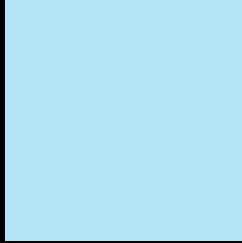
Large Text (above 18pt) WCAG AA × Fail

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, 18.187, 227.874 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, 18.187, 227.874

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.187, 227.874.

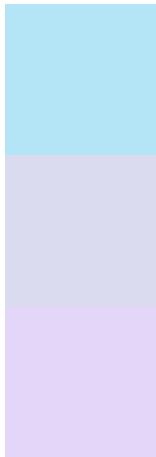


This preview shows how white text looks on a background with the CIELCh color 88, 18.187, 227.874.

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
88, 18.187, 227.874

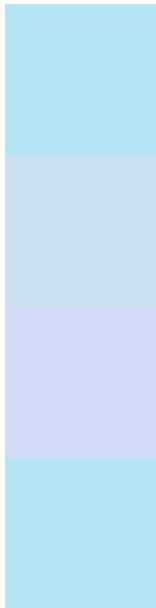
Protanopia
88, 10.456, 289.153

Deuteranopia
88, 19.015, 306.233



Tritanopia
88, 18.398, 229.402

Trichromacy



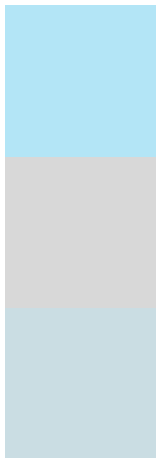
Original Color
88, 18.187, 227.874

Protanomaly
88, 11.251, 256.074

Deuteranomaly
88, 15.395, 280.104

Tritanomaly
88, 18.398, 229.402

Monochromacy



Original Color
88, 18.187, 227.874

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.243, 224.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.187, 227.874 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, 229, 246)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 246)  
}
```

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, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.187, 227.874 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, 229, 246) }
```

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

```
.border{ border-color:rgb(179, 229, 246) }
```

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

Here you see how a box with a 4 pixel rgb(179, 229, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 246);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.187, 227.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 246) }
```

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

```
.background{ background-color: rgb(179,  
229, 246) }
```

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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