

Converting Colors

CIELCh(89, 31.482, 276.974)

Have a look what the booklet for
CIELCh(89, 31.482, 276.974)
contains.

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Color

CIELCh(88, 18.312, 261.629)

Conversions

Conversions Part 1

Format	Color
Hex	C4E0FF
RGB	196, 224, 255
RGB Percent	77%, 88%, 100%
CMY	0.2324, 0.1226, 0.0011
CMYK	0.23, 0.12, 0.00, 0.00
HSL	212°, 99%, 88%
HSV	212°, 23%, 100%
XYZ	67.2811, 72.0653, 104.7349
YIQ	219.1620, -26.6390, 3.7050

Conversions

Conversions Part 2

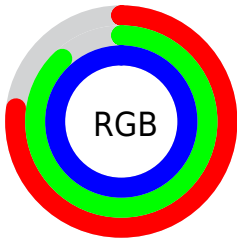
Format	Color
R _Y B	196, 215, 255
Decimal	12902655
CIE Lab	88.00, -2.67, -18.12
CIE LCh	88, 18.312, 261.629
Yxy	72.0653, 0.2757, 0.2953
Android (android.graphics.Color)	4291092735 (0xFFC4E0FF)
YUV	219.1620, 17.6681, -20.3131
Hunter-Lab	84.8913, -7.0884, -13.7254

Details

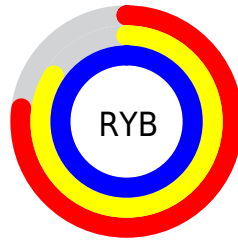
The CIELCh color **88, 18.312, 261.629** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **92, 19.306, 75.144**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **68, 18.200, 260.831** is the 20% darker color. If you saturate the color by 10%, you get **83, 26.106, 263.605**, and if you desaturate by 10%, it is **93, 10.440, 259.968**.

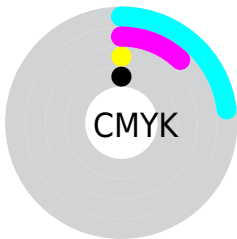
Distribution



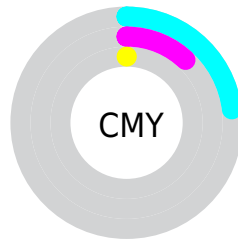
- Red (77%)
- Green (88%)
- Blue (100%)



- Red (77%)
- Yellow (84%)
- Blue (100%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.312, 261.629 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, 18.312, 261.629 by changing the saturation by 10% instead.

■ 88, 18.312,
261.629

■ 88, 18.312,
261.629

■ 100, 18.312,
261.629

■ 78, 18.312,
261.629

■ 68, 18.312,
261.629

■ 58, 18.312,
261.629

■ 48, 18.312,
261.629

■ 38, 18.312,
261.629

■ 28, 18.312,
261.629

■ 18, 18.312,

261.629

■ 8, 18.312, 261.629

■ 0, 18.312, 261.629

■ 88, 18.312,
261.629

■ 88, 18.312,
261.629

■ 83, 26.106,
263.605

■ 93, 10.440,
259.968

■ 78, 33.809,
265.961

■ 98, 2.518, 258.679

■ 73, 41.418,
268.750

100, 0.130,
109.574

■ 68, 48.960,
272.013

■ 64, 56.495,

275.759

■ 59, 64.119,
279.927

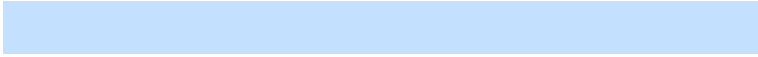
■ 55, 71.935,
284.367

■ 53, 77.436,
287.381

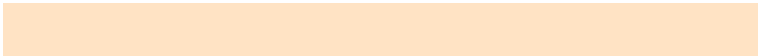
Harmonies

Complementary

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



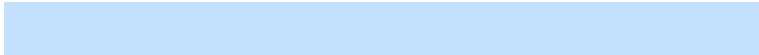
88, 18.312, 261.629



92, 19.306, 75.144

Rectangle

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



88, 18.312, 261.629



88, 18.312, 311.629



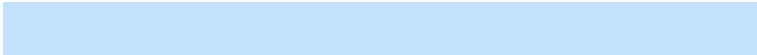
88, 18.312, 81.629



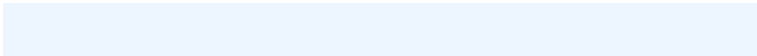
88, 18.312, 131.629

Sweetspot

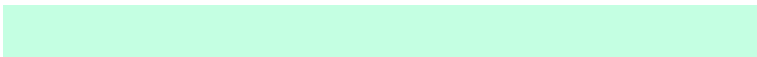
The Sweet Spot groups the original color and five complimentary colors.



88, 18.311, 261.625



96, 5.570, 259.104



95, 25.252, 162.451



51, 3.618, 259.182



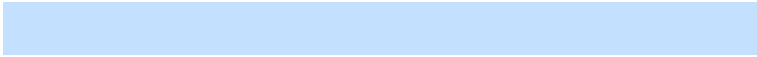
0, 0.000, 0.000



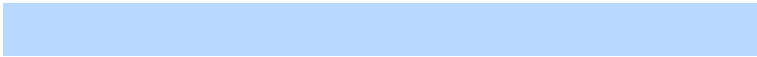
53, 0.007, 296.813

Same Dimension

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



88, 18.311, 261.625



86, 22.115, 262.540



81, 31.412, 293.472



50, 4.520, 259.439



40, 61.321, 286.574



11, 24.844, 280.224

Inverse Universe

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



85, 25.925, 347.183



82, 31.475, 347.718



99, 29.734, 108.634



50, 6.276, 345.814



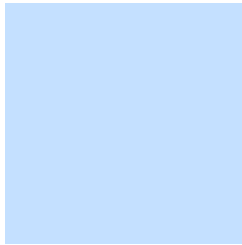
41, 68.050, 4.547



10, 31.653, 358.558

Previews

White Background



This preview shows how the CIE LCh color 88, 18.312, 261.629 looks on a white background.

Color Contrast Check

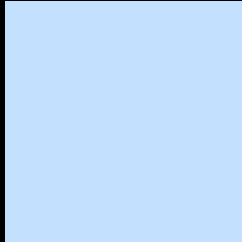
Large Text (above 18pt) WCAG AA × Fail

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, 18.312, 261.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

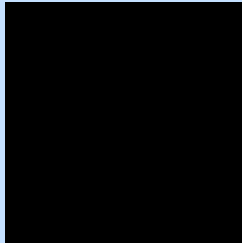
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

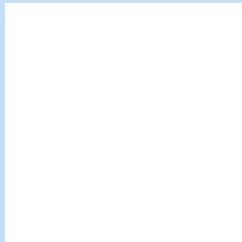
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.312, 261.629

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.312, 261.629.



This preview shows how white text looks on a background with the CIELCh color 88, 18.312, 261.629.

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, 18.312, 261.629

Protanopia
88, 16.750, 286.951

Deuteranopia
88, 21.212, 300.083



Tritanopia
88, 13.970, 241.346

Trichromacy



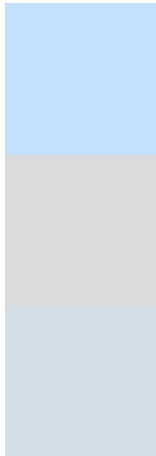
Original Color
88, 18.312, 261.629

Protanomaly
88, 16.649, 276.454

Deuteranomaly
88, 19.365, 287.826

Tritanomaly
88, 15.318, 250.877

Monochromacy



Original Color
88, 18.312, 261.629

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 6.657, 259.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.312, 261.629 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(196, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 224, 255)  
}
```

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(196, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 224, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.312, 261.629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

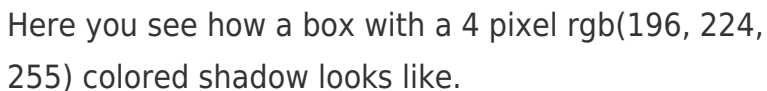
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 224, 255) }
```

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

```
.border{ border-color:rgb(196, 224, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 224, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 224, 255); box-shadow:4px 4px 4px 4px rgb(196, 224, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.312, 261.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 224, 255) }
```

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

```
.background{ background-color: rgb(196,  
224, 255) }
```

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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