

Converting Colors

CIELCh(88, 23.349, 230.829)

Have a look what the booklet for
CIELCh(88, 23.349, 230.829)
contains.

CIELCh(88, 23.340, 231.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 23.340, 231.028)

Conversions

Conversions Part 1

Format	Color
Hex	A5E6FE
RGB	165, 230, 254
RGB Percent	65%, 90%, 100%
CMY	0.3512, 0.0963, 0.0022
CMYK	0.35, 0.09, 0.00, 0.00
HSL	196°, 99%, 82%
HSV	196°, 35%, 100%
XYZ	61.9848, 72.0653, 104.7808
YIQ	213.3010, -46.4440, -6.3160

Conversions

Conversions Part 2

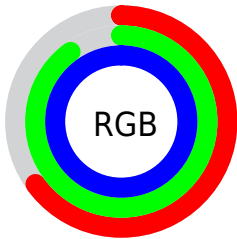
Format	Color
R _Y B	165, 203, 254
Decimal	10872574
CIE Lab	88.00, -14.68, -18.15
CIE LCh	88, 23.340, 231.028
Yxy	72.0653, 0.2595, 0.3017
Android (android.graphics.Color)	4289062654 (0xFFA5E6FE)
YUV	213.3010, 20.0646, -42.3600
Hunter-Lab	84.8913, -18.2249, -13.7574

Details

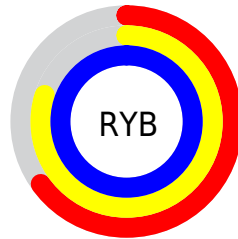
The CIELCh color **88, 23.340, 231.028** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 29.406, 46.343**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **68, 23.372, 231.194** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.862, 232.600**, and if you desaturate by 10%, it is **91, 17.226, 229.809**.

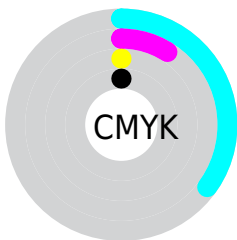
Distribution



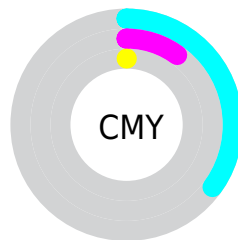
- Red (65%)
- Green (90%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.340, 231.028 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, 23.340, 231.028 by changing the saturation by 10% instead.

■ 88, 23.340,
231.028

■ 88, 23.340,
231.028

■ 100, 23.340,
231.028

■ 78, 23.340,
231.028

■ 68, 23.340,
231.028

■ 58, 23.340,
231.028

■ 48, 23.340,
231.028

■ 38, 23.340,
231.028

■ 28, 23.340,
231.028

■ 18, 23.340,

231.028

■ 8, 23.340, 231.028

■ 0, 23.340, 231.028

■ 88, 23.340,
231.028

■ 88, 23.340,
231.028

■ 85, 28.862,
232.600

■ 91, 17.226,
229.809

■ 82, 33.708,
234.620

■ 95, 10.620,
228.888

■ 79, 37.819,
237.178

■ 98, 3.615, 228.280

■ 77, 41.189,
240.369

100, 0.271,
109.872

■ 74, 43.889,

244.260

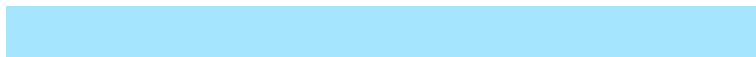
■ 72, 46.084,
248.849

■ 71, 47.115,
251.311

Harmonies

Complementary

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



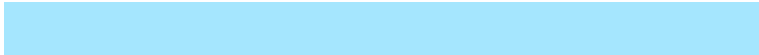
88, 23.340, 231.028



82, 29.406, 46.343

Rectangle

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



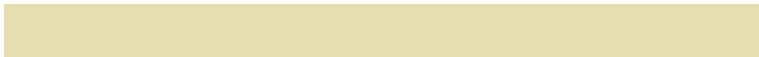
88, 23.340, 231.028



88, 23.340, 281.028



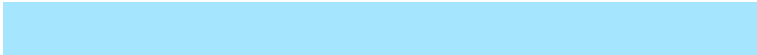
88, 23.340, 51.028



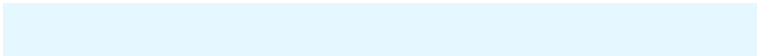
88, 23.340, 101.028

Sweetspot

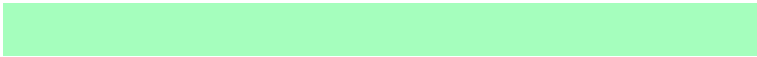
The Sweet Spot groups the original color and five complimentary colors.



88, 23.339, 231.025



96, 7.187, 228.532



93, 45.971, 150.053



51, 4.887, 228.625



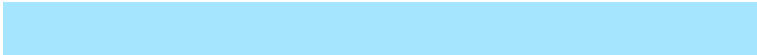
0, 0.000, 0.000



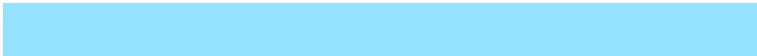
53, 0.007, 296.813

Same Dimension

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



88, 23.339, 231.025



86, 27.330, 232.089



76, 37.019, 283.683



51, 4.091, 228.501



54, 37.774, 250.384



17, 16.740, 243.704

Inverse Universe

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



78, 46.259, 335.593



75, 55.254, 336.165



93, 35.839, 94.046



50, 7.501, 333.694



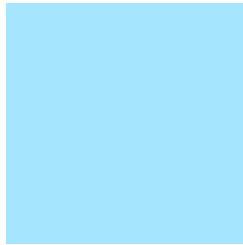
43, 75.813, 342.754



11, 35.674, 340.551

Previews

White Background



This preview shows how the CIELCh color 88, 23.340, 231.028 looks on a white background.

Color Contrast Check

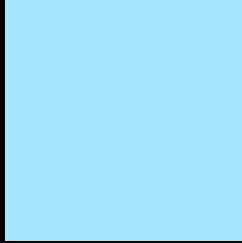
Large Text (above 18pt) WCAG AA × Fail

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, 23.340, 231.028 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, 23.340, 231.028

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.340, 231.028.




This preview shows how white text looks on a background with the CIELCh color 88, 23.340, 231.028.

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



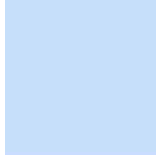


Tritanopia
88, 22.855, 224.113

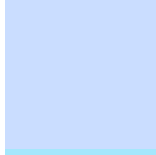
Trichromacy



Original Color
88, 23.340, 231.028



Protanomaly
88, 16.117, 260.554

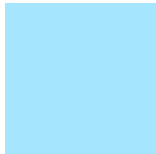


Deuteranomaly
88, 18.655, 272.119

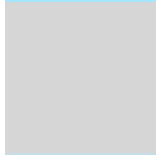


Tritanomaly
88, 22.960, 226.974

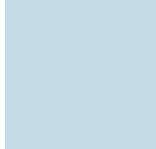
Monochromacy



Original Color
88, 23.340, 231.028



Achromatopsia
86, 0.010, 296.813



Achromatomaly
86, 9.389, 229.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.340, 231.028 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(165, 230, 254)` looks like.

```
.text, #text, p{  
    color:rgb(165, 230, 254)  
}
```

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(165, 230, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 230, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.340, 231.028 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(165, 230, 254) }
```

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

```
.border{ border-color:rgb(165, 230, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 230, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 230, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 230, 254);  
box-shadow:4px 4px 4px 4px rgb(165, 230,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.340, 231.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 230, 254) }
```

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

```
.background{ background-color: rgb(165,  
230, 254) }
```

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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