

Converting Colors

CIELCh(88, 23.338, 220.432)

Have a look what the booklet for
CIELCh(88, 23.338, 220.432)
contains.

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Color

CIElCh(88, 23.306, 220.666)

Conversions

Conversions Part 1

Format	Color
Hex	A2E8F9
RGB	162, 232, 249
RGB Percent	64%, 91%, 98%
CMY	0.3656, 0.0911, 0.0244
CMYK	0.35, 0.07, 0.00, 0.02
HSL	192°, 87%, 80%
HSV	192°, 35%, 98%
XYZ	60.7077, 72.0653, 100.1413
YIQ	213.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

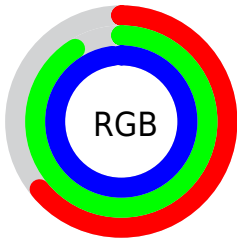
Format	Color
R _{YB}	162, 201, 249
Decimal	10676473
CIE _{Lab}	88.00, -17.68, -15.19
CIE _{LCh}	88, 23.306, 220.666
Y _{xy}	72.0653, 0.2606, 0.3094
Android (android.graphics.Color)	4288866553 (0xFFA2E8F9)
YUV	213.0080, 17.7441, -44.7340
Hunter-Lab	84.8913, -20.9103, -10.5171

Details

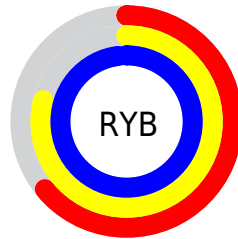
The CIELCh color **88, 23.306, 220.666** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 29.956, 38.863**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **68, 23.432, 221.599** is the 20% darker color. If you saturate the color by 10%, you get **86, 28.645, 221.658**, and if you desaturate by 10%, it is **91, 17.283, 219.945**.

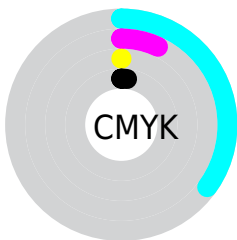
Distribution



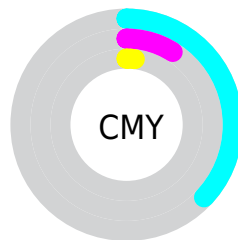
- Red (64%)
- Green (91%)
- Blue (98%)



- Red (64%)
- Yellow (79%)
- Blue (98%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (37%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 23.306, 220.666 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, 23.306, 220.666 by changing the saturation by 10% instead.

■ 88, 23.306,
220.666

■ 88, 23.306,
220.666

■ 100, 23.306,
220.666

■ 78, 23.306,
220.666

■ 68, 23.306,
220.666

■ 58, 23.306,
220.666

■ 48, 23.306,
220.666

■ 38, 23.306,
220.666

■ 28, 23.306,
220.666

■ 18, 23.306,

220.666

■ 8, 23.306, 220.666

■ 0, 23.306, 220.666

■ 88, 23.306,
220.666

■ 88, 23.306,
220.666

■ 86, 28.645,
221.658

■ 91, 17.283,
219.945

■ 83, 33.195,
222.999

■ 93, 10.692,
219.457

■ 81, 36.872,
224.763

■ 96, 3.643, 219.232

■ 79, 39.640,
227.036

■ 99, 1.807, 62.416

■ 100, 3.150,
109.918

■ 77, 41.534,

229.899

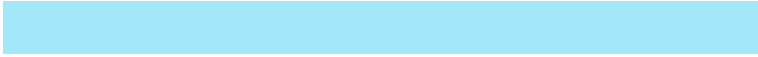
■ 76, 42.681,
233.401

■ 75, 43.099,
235.342

Harmonies

Complementary

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



88, 23.306, 220.666



79, 29.956, 38.863

Rectangle

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



88, 23.306, 220.666



88, 23.306, 270.666



88, 23.306, 40.666



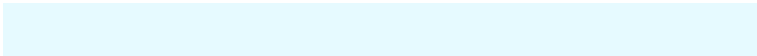
88, 23.306, 90.666

Sweetspot

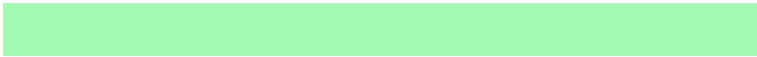
The Sweet Spot groups the original color and five complimentary colors.



88, 23.306, 220.662



97, 7.386, 219.298



91, 48.022, 147.176



51, 5.021, 219.337



0, 0.000, 0.000



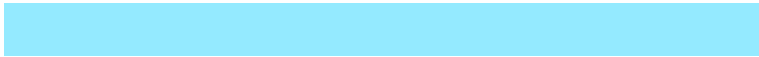
53, 0.007, 296.813

Same Dimension

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



88, 23.306, 220.662



88, 27.681, 221.336



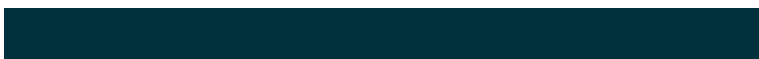
77, 32.716, 278.082



51, 4.136, 219.285



58, 34.965, 234.616



18, 15.715, 229.225

Inverse Universe

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



77, 47.769, 332.644



75, 58.093, 333.141



89, 32.708, 87.895



49, 7.779, 330.932



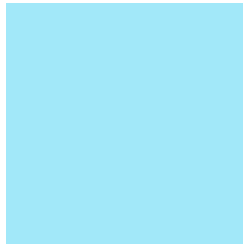
43, 79.171, 337.892



11, 36.491, 336.442

Previews

White Background



This preview shows how the CIELCh color 88, 23.306, 220.666 looks on a white background.

Color Contrast Check

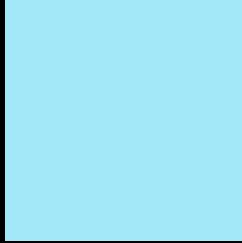
Large Text (above 18pt) WCAG AA × Fail

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, 23.306, 220.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

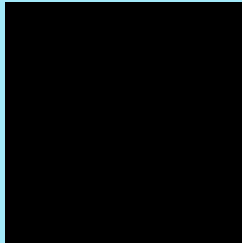
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 23.306, 220.666

Background



This preview shows how black text looks on a background with the CIELCh color 88, 23.306, 220.666.



This preview shows how white text looks on a background with the CIELCh color 88, 23.306, 220.666.

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



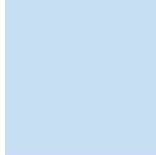


Tritanopia
88, 23.443, 221.936

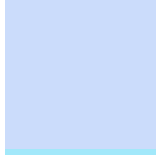
Trichromacy



Original Color
88, 23.306, 220.666



Protanomaly
88, 13.197, 251.686



Deuteranomaly
87, 17.012, 272.194

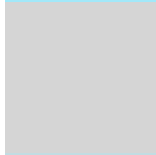


Tritanomaly
88, 23.443, 221.936

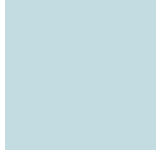
Monochromacy



Original Color
88, 23.306, 220.666



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.419, 218.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 23.306, 220.666 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(162, 232, 249)` looks like.

```
.text, #text, p{  
    color:rgb(162, 232, 249)  
}
```

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(162, 232, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 232, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 23.306, 220.666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

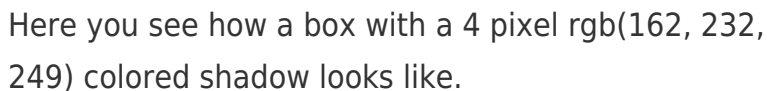
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 232, 249) }
```

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

```
.border{ border-color:rgb(162, 232, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 232, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 232, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 232, 249); box-shadow:4px 4px 4px 4px rgb(162, 232, 249) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 23.306, 220.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 232, 249) }
```

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

```
.background{ background-color: rgb(162,  
232, 249) }
```

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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