

Converting Colors

CIELCh(88, 27.017, 223.127)

Have a look what the booklet for
CIELCh(88, 27.017, 223.127)
contains.

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Color

CIELCh(88, 27.105, 223.253)

Conversions

Conversions Part 1

Format	Color
Hex	96E9FF
RGB	150, 233, 255
RGB Percent	59%, 91%, 100%
CMY	0.4113, 0.0858, 0.0000
CMYK	0.41, 0.09, 0.00, 0.00
HSL	193°, 100%, 79%
HSV	193°, 41%, 100%
XYZ	59.8391, 72.0653, 105.4623
YIQ	210.6910, -56.5300, -10.7540

Conversions

Conversions Part 2

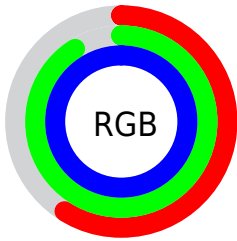
Format	Color
RYB	150, 196, 255
Decimal	9890303
CIELab	88.00, -19.74, -18.57
CIELCh	88, 27.105, 223.253
Yxy	72.0653, 0.2521, 0.3036
Android (android.graphics.Color)	4288080383 (0xFF96E9FF)
YUV	210.6910, 21.8443, -53.2260
Hunter-Lab	84.8913, -22.7366, -14.2334

Details

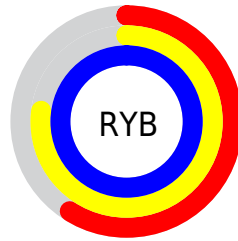
The CIELCh color **88, 27.105, 223.253** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **78, 36.604, 40.294**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **68, 26.972, 223.306** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.055, 224.443**, and if you desaturate by 10%, it is **91, 21.372, 222.136**.

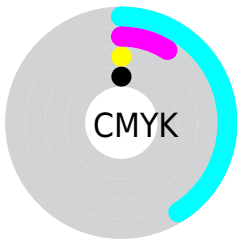
Distribution



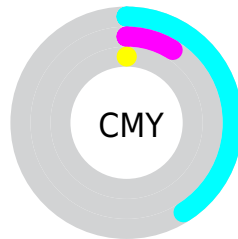
- Red (59%)
- Green (91%)
- Blue (100%)



- Red (59%)
- Yellow (77%)
- Blue (100%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 27.105, 223.253 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, 27.105, 223.253 by changing the saturation by 10% instead.


 88, 27.105,
223.253


 88, 27.105,
223.253


 100, 27.105,
223.253


 78, 27.105,
223.253

 68, 27.105,
223.253

 58, 27.105,
223.253

 48, 27.105,
223.253

 38, 27.105,
223.253

 28, 27.105,
223.253

 18, 27.105,

223.253

■ 8, 27.105, 223.253

■ 0, 27.105, 223.253

■ 88, 27.105,
223.253

■ 88, 27.105,
223.253

■ 85, 32.055,
224.443

■ 91, 21.372,
222.136

■ 83, 36.180,
226.181

■ 94, 15.019,
221.423

■ 81, 39.412,
228.424

■ 97, 8.142, 220.944

■ 79, 41.759,
231.260

■ 100, 0.848,
221.277

■ 77, 43.320,

100, 0.012,
296.813

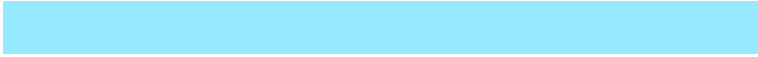
234.753

■ 76, 44.261,
238.341

Harmonies

Complementary

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



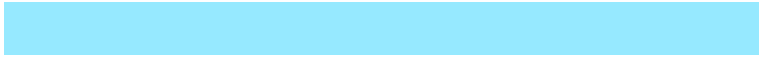
88, 27.105, 223.253



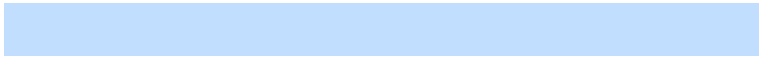
78, 36.604, 40.294

Rectangle

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



88, 27.105, 223.253



88, 27.105, 273.253



88, 27.105, 43.253



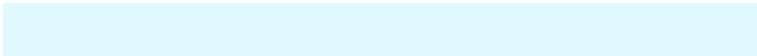
88, 27.105, 93.253

Sweetspot

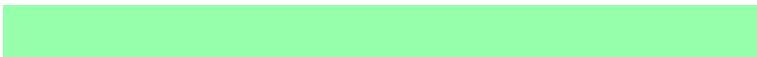
The Sweet Spot groups the original color and five complimentary colors.



88, 27.088, 223.121



96, 8.759, 220.976



92, 56.652, 147.053



51, 5.789, 221.028



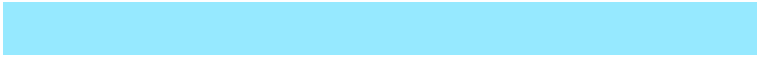
0, 0.000, 0.000



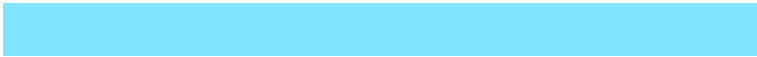
53, 0.007, 296.813

Same Dimension

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



88, 27.088, 223.121



86, 31.065, 224.129



74, 40.366, 280.642



52, 4.177, 220.890



58, 35.567, 237.554



19, 16.180, 232.067

Inverse Universe

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



75, 56.447, 333.592



71, 66.336, 334.174



90, 39.937, 88.356



50, 7.835, 331.404



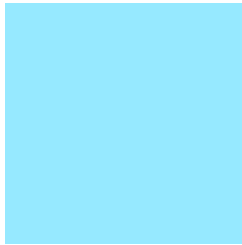
43, 79.172, 338.718



11, 37.111, 337.197

Previews

White Background



This preview shows how the CIE LCh color 88, 27.105, 223.253 looks on a white background.

Color Contrast Check

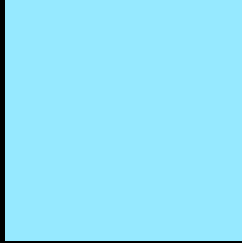
Large Text (above 18pt) WCAG AA × Fail

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, 27.105, 223.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

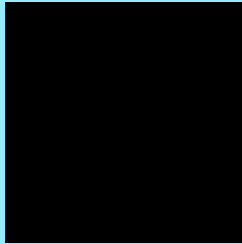
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 27.105, 223.253

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.105, 223.253.

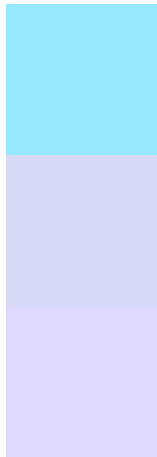


This preview shows how white text looks on a background with the CIELCh color 88, 27.105, 223.253.

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, 27.105, 223.253

Protanopia

88, 14.127, 288.584

Deuteranopia

88, 21.121, 298.271

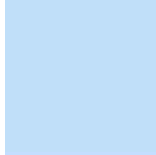


Tritanopia
88, 27.076, 218.356

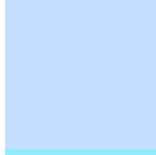
Trichromacy



Original Color
88, 27.105, 223.253



Protanomaly
87, 16.702, 253.804



Deuteranomaly
88, 18.964, 265.088

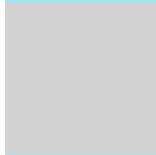


Tritanomaly
88, 27.182, 219.472

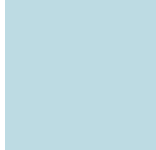
Monochromacy



Original Color
88, 27.105, 223.253



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.967, 221.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.105, 223.253 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(150, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 233, 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(150, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 233, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.105, 223.253 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(150, 233, 255) }
```

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

```
.border{ border-color:rgb(150, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 233,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.105, 223.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 233, 255) }
```

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

```
.background{ background-color: rgb(150,  
233, 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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