

Converting Colors

CIELCh(88, 26.668, 220.521)

Have a look what the booklet for
CIELCh(88, 26.668, 220.521)
contains.

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Color

CIELCh(88, 26.603, 221.261)

Conversions

Conversions Part 1

Format	Color
Hex	97E9FD
RGB	151, 233, 253
RGB Percent	59%, 91%, 99%
CMY	0.4072, 0.0856, 0.0072
CMYK	0.40, 0.08, 0.00, 0.01
HSL	192°, 97%, 79%
HSV	192°, 40%, 99%
XYZ	59.7318, 72.0653, 103.8264
YIQ	210.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

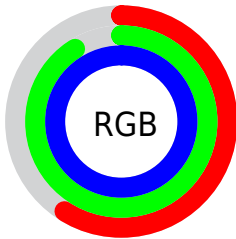
Format	Color
RYB	151, 196, 253
Decimal	9955837
CIELab	88.00, -20.00, -17.54
CIELCh	88, 26.603, 221.261
Yxy	72.0653, 0.2535, 0.3058
Android (android.graphics.Color)	4288145917 (0xFF97E9FD)
YUV	210.7620, 20.8233, -52.4113
Hunter-Lab	84.8913, -22.9622, -13.0909

Details

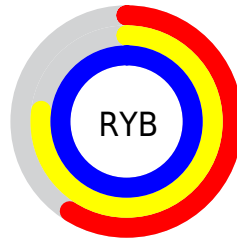
The CIELCh color **88, 26.603, 221.261** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **77, 35.786, 39.093**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **68, 26.518, 221.109** is the 20% darker color. If you saturate the color by 10%, you get **86, 31.601, 222.437**, and if you desaturate by 10%, it is **91, 20.851, 220.393**.

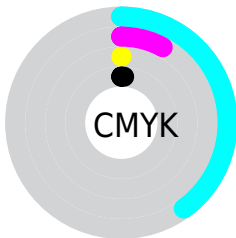
Distribution



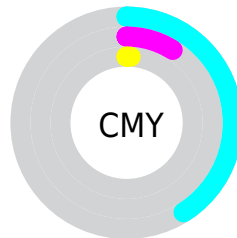
- Red (59%)
- Green (91%)
- Blue (99%)



- Red (59%)
- Yellow (77%)
- Blue (99%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (41%)
- Magenta (9%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 26.603, 221.261 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, 26.603, 221.261 by changing the saturation by 10% instead.


 88, 26.603,
221.261


 88, 26.603,
221.261


 100, 26.603,
221.261


 78, 26.603,
221.261

 68, 26.603,
221.261

 58, 26.603,
221.261

 48, 26.603,
221.261

 38, 26.603,
221.261

 28, 26.603,
221.261

 18, 26.603,

221.261

■ 8, 26.603, 221.261

■ 0, 26.603, 221.261

■ 88, 26.603,
221.261

■ 88, 26.603,
221.261

■ 86, 31.601,
222.437

■ 91, 20.851,
220.393

■ 83, 35.750,
224.004

■ 93, 14.461,
219.782

■ 81, 38.987,
226.042

■ 96, 7.548, 219.392

■ 79, 41.311,
228.637

■ 99, 0.221, 221.969

100, 0.920,
110.025

■ 78, 42.806,

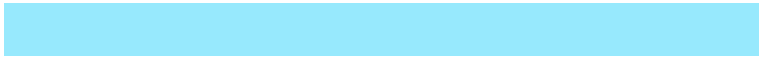
231.859

■ 76, 43.694,
235.542

Harmonies

Complementary

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



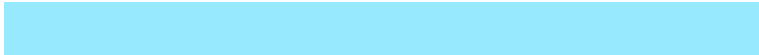
88, 26.603, 221.261



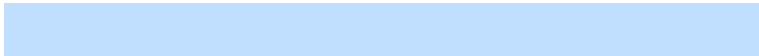
77, 35.786, 39.093

Rectangle

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



88, 26.603, 221.261



88, 26.603, 271.261



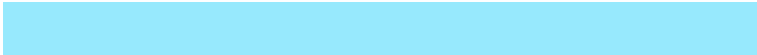
88, 26.603, 41.261



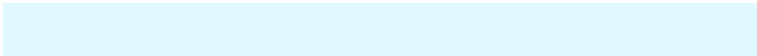
88, 26.603, 91.261

Sweetspot

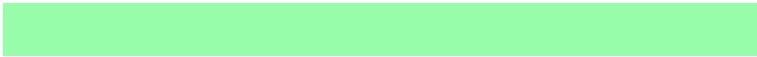
The Sweet Spot groups the original color and five complimentary colors.



88, 26.603, 221.258



96, 8.814, 219.442



92, 55.899, 146.604



51, 5.825, 219.485



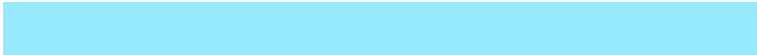
0, 0.000, 0.000



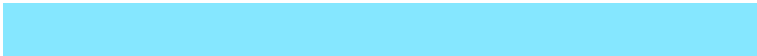
53, 0.007, 296.813

Same Dimension

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



88, 26.603, 221.258



87, 30.705, 222.138



75, 38.432, 279.253



52, 4.203, 219.372



59, 35.331, 234.813



19, 16.143, 229.645

Inverse Universe

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



75, 55.503, 333.046



72, 65.672, 333.599



89, 38.365, 87.157



50, 7.905, 330.958



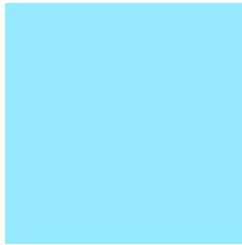
43, 79.913, 337.947



11, 37.423, 336.552

Previews

White Background



This preview shows how the CIELCh color 88, 26.603, 221.261 looks on a white background.

Color Contrast Check

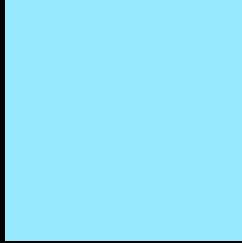
Large Text (above 18pt) WCAG AA × Fail

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, 26.603, 221.261 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, 26.603, 221.261

Background



This preview shows how black text looks on a background with the CIELCh color 88, 26.603, 221.261.

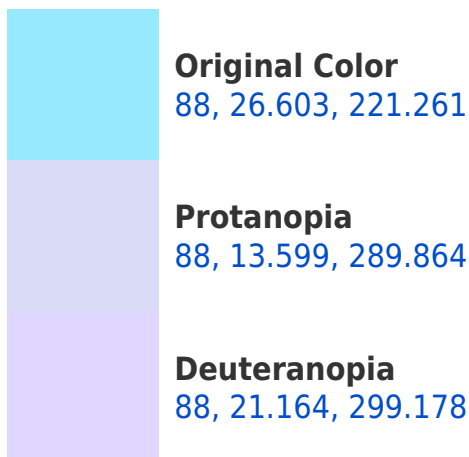



This preview shows how white text looks on a background with the CIELCh color 88, 26.603, 221.261.

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



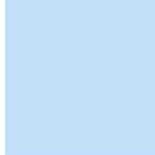


Tritanopia
88, 26.479, 220.128

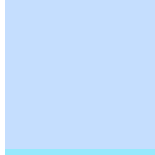
Trichromacy



Original Color
88, 26.603, 221.261



Protanomaly
88, 15.524, 249.969



Deuteranomaly
88, 18.376, 265.167

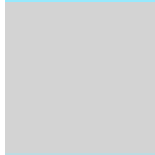


Tritanomaly
88, 26.479, 220.128

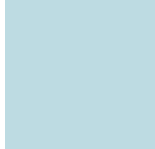
Monochromacy



Original Color
88, 26.603, 221.261



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 10.812, 218.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 26.603, 221.261 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(151, 233, 253)` looks like.

```
.text, #text, p{  
    color:rgb(151, 233, 253)  
}
```

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(151, 233, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 233, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 26.603, 221.261 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(151, 233, 253) }
```

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

```
.border{ border-color:rgb(151, 233, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 233, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(151, 233,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 26.603, 221.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 233, 253) }
```

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

```
.background{ background-color: rgb(151,  
233, 253) }
```

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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