

Converting Colors

CIELCh(88, 28.321, 220.739)

Have a look what the booklet for
CIELCh(88, 28.321, 220.739)
contains.

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Color

CIElCh(88, 28.327, 220.827)

Conversions

Conversions Part 1

Format	Color
Hex	91EAFF
RGB	145, 234, 255
RGB Percent	57%, 92%, 100%
CMY	0.4315, 0.0824, 0.0001
CMYK	0.43, 0.08, 0.00, 0.00
HSL	191°, 100%, 78%
HSV	191°, 43%, 100%
XYZ	59.1327, 72.0653, 105.3770
YIQ	209.7830, -59.7850, -12.3370

Conversions

Conversions Part 2

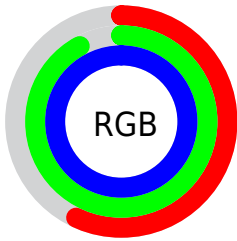
Format	Color
R_{YB}	145, 194, 255
Decimal	9562879
CIE _{Lab}	88.00, -21.43, -18.52
CIE _{LCh}	88, 28.327, 220.827
Yxy	72.0653, 0.2500, 0.3046
Android (android.graphics.Color)	4287752959 (0xFF91E AFF)
YUV	209.7830, 22.2920, -56.8147
Hunter-Lab	84.8913, -24.2221, -14.1738

Details

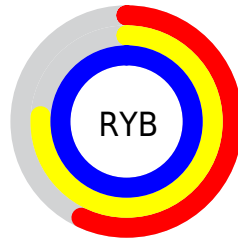
The CIELCh color **88, 28.327, 220.827** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 39.122, 38.734**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **68, 28.218, 220.734** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.115, 222.059**, and if you desaturate by 10%, it is **91, 22.743, 219.916**.

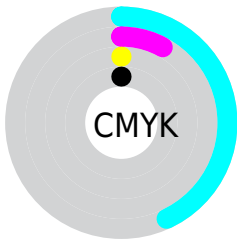
Distribution



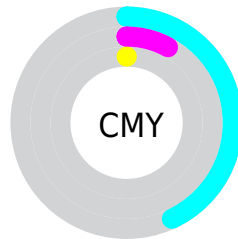
- Red (57%)
- Green (92%)
- Blue (100%)



- Red (57%)
- Yellow (76%)
- Blue (100%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 28.327, 220.827 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, 28.327, 220.827 by changing the saturation by 10% instead.


 88, 28.327,
220.827

 88, 28.327,
220.827

 100, 28.327,
220.827


 78, 28.327,
220.827

 68, 28.327,
220.827

 58, 28.327,
220.827

 48, 28.327,
220.827

 38, 28.327,
220.827

 28, 28.327,
220.827

 18, 28.327,

220.827

■ 8, 28.327, 220.827

■ 0, 28.327, 220.827

■ 88, 28.327,
220.827

■ 88, 28.327,
220.827

■ 86, 33.115,
222.059

■ 91, 22.743,
219.916

■ 83, 37.017,
223.695

■ 93, 16.476,
219.272

■ 81, 39.983,
225.816

■ 96, 9.646, 218.848

■ 80, 42.033,
228.505

■ 99, 2.365, 218.765

100, 0.003, 78.013

■ 78, 43.277,

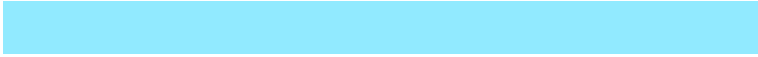
231.820

■ 77, 43.826,
234.403

Harmonies

Complementary

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



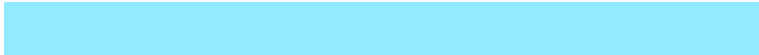
88, 28.327, 220.827



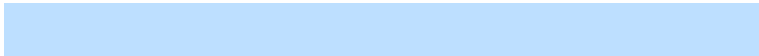
76, 39.122, 38.734

Rectangle

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



88, 28.327, 220.827



88, 28.327, 270.827



88, 28.327, 40.827



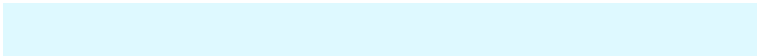
88, 28.327, 90.827

Sweetspot

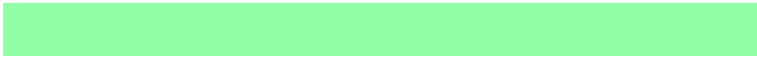
The Sweet Spot groups the original color and five complimentary colors.



88, 28.327, 220.825



96, 9.548, 218.844



92, 60.026, 146.279



51, 6.640, 218.918



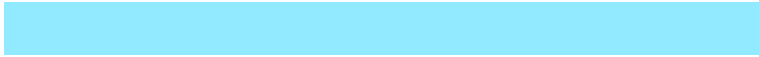
0, 0.000, 0.000



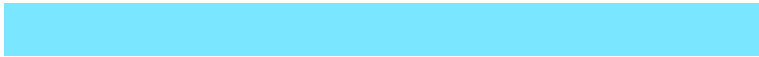
53, 0.007, 296.813

Same Dimension

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



88, 28.327, 220.825



86, 32.615, 221.900



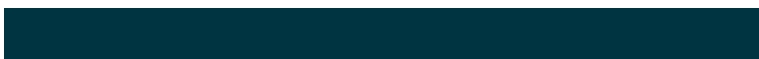
73, 41.507, 279.921



52, 4.215, 218.751



59, 35.255, 233.676



19, 16.136, 228.645

Inverse Universe

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



74, 59.745, 333.050



70, 70.730, 333.683



89, 41.383, 86.757



50, 7.934, 330.776



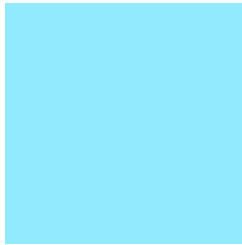
43, 80.224, 337.634



11, 37.553, 336.290

Previews

White Background



This preview shows how the CIE LCh color 88, 28.327, 220.827 looks on a white background.

Color Contrast Check

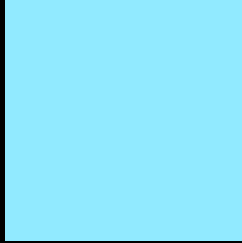
Large Text (above 18pt) WCAG AA × Fail

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, 28.327, 220.827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

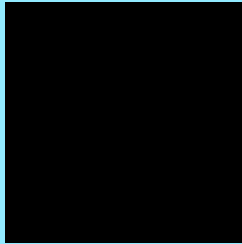
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.327, 220.827

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.327, 220.827.



This preview shows how white text looks on a background with the CIELCh color 88, 28.327, 220.827.

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



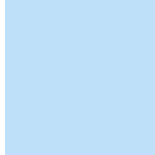


Tritanopia
88, 28.334, 218.491

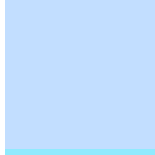
Trichromacy



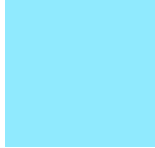
Original Color
88, 28.327, 220.827



Protanomaly
88, 16.867, 250.002



Deuteranomaly
87, 19.230, 263.389

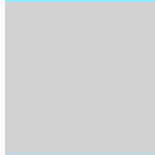


Tritanomaly
88, 28.438, 219.562

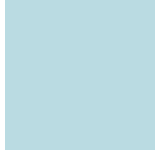
Monochromacy



Original Color
88, 28.327, 220.827



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.736, 217.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.327, 220.827 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(145, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 234, 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(145, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.327, 220.827 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(145, 234, 255) }
```

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

```
.border{ border-color:rgb(145, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.327, 220.827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 234, 255) }
```

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

```
.background{ background-color: rgb(145,  
234, 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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