

Converting Colors

CIELCh(88, 24.652, 232.635)

Have a look what the booklet for
CIELCh(88, 24.652, 232.635)
contains.

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Color

CIElCh(88, 24.254, 229.578)

Conversions

Conversions Part 1

Format	Color
Hex	A2E7FF
RGB	162, 231, 255
RGB Percent	64%, 91%, 100%
CMY	0.3646, 0.0940, 0.0000
CMYK	0.36, 0.09, 0.00, 0.00
HSL	195°, 100%, 82%
HSV	195°, 36%, 100%
XYZ	61.5368, 72.0653, 105.2888
YIQ	213.1050, -48.8280, -7.1640

Conversions

Conversions Part 2

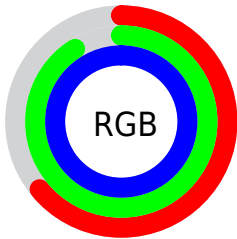
Format	Color
RYB	162, 202, 255
Decimal	10676223
CIELab	88.00, -15.73, -18.46
CIElCh	88, 24.254, 229.578
Yxy	72.0653, 0.2576, 0.3017
Android (android.graphics.Color)	4288866303 (0xFFA2E7FF)
YUV	213.1050, 20.6542, -44.8191
Hunter-Lab	84.8913, -19.1668, -14.1122

Details

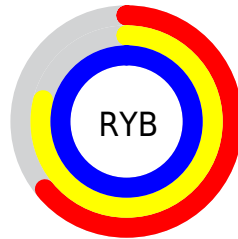
The CIELCh color **88, 24.254, 229.578** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 31.043, 45.098**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **68, 24.221, 229.804** is the 20% darker color. If you saturate the color by 10%, you get **85, 29.652, 231.101**, and if you desaturate by 10%, it is **91, 18.223, 228.365**.

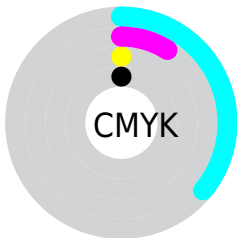
Distribution



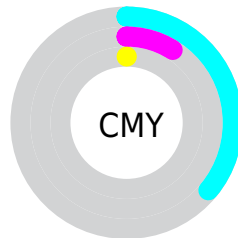
- Red (64%)
- Green (91%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 24.254, 229.578 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, 24.254, 229.578 by changing the saturation by 10% instead.


 88, 24.254,
229.578


 88, 24.254,
229.578


 100, 24.254,
229.578


 78, 24.254,
229.578

 68, 24.254,
229.578

 58, 24.254,
229.578

 48, 24.254,
229.578

 38, 24.254,
229.578

 28, 24.254,
229.578

 18, 24.254,

229.578

■ 8, 24.254, 229.578

■ 0, 24.254, 229.578

■ 88, 24.254,
229.578

■ 88, 24.254,
229.578

■ 85, 29.652,
231.101

■ 91, 18.223,
228.365

■ 82, 34.341,
233.094

■ 94, 11.672,
227.471

■ 80, 38.260,
235.626

■ 98, 4.696, 226.859

■ 77, 41.409,
238.792

100, 0.012,
296.813

■ 75, 43.864,

242.657

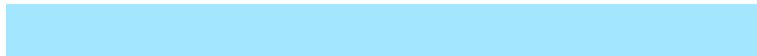
■ 73, 45.805,
247.217

■ 72, 46.458,
248.910

Harmonies

Complementary

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



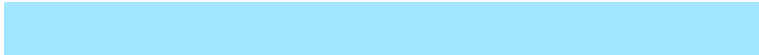
88, 24.254, 229.578



81, 31.043, 45.098

Rectangle

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



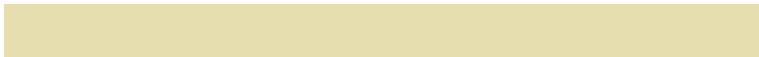
88, 24.254, 229.578



88, 24.254, 279.578



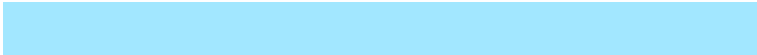
88, 24.254, 49.578



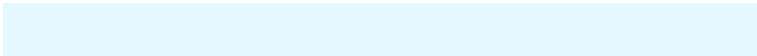
88, 24.254, 99.578

Sweetspot

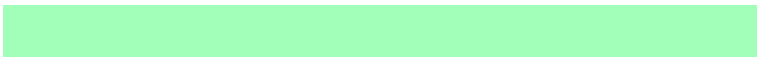
The Sweet Spot groups the original color and five complimentary colors.



88, 24.250, 229.553



96, 7.908, 227.095



93, 48.565, 149.290



51, 5.296, 227.180



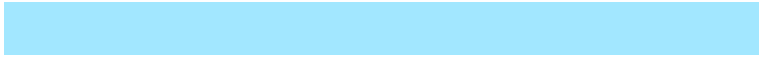
0, 0.000, 0.000



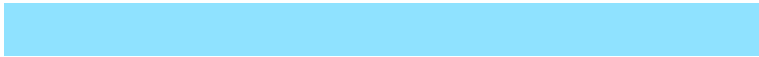
53, 0.007, 296.813

Same Dimension

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



88, 24.250, 229.553



86, 28.384, 230.682



76, 37.935, 282.952



51, 4.102, 227.007



55, 37.214, 247.997



18, 16.582, 241.496

Inverse Universe

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



78, 48.637, 335.219



74, 58.176, 335.825



92, 36.878, 92.697



50, 7.564, 333.236



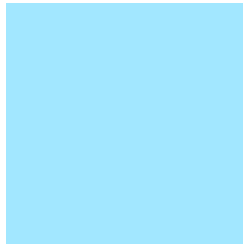
43, 76.428, 341.936



11, 35.940, 339.874

Previews

White Background



This preview shows how the CIE LCh color 88, 24.254, 229.578 looks on a white background.

Color Contrast Check

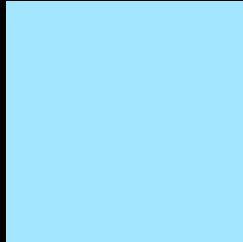
Large Text (above 18pt) WCAG AA × Fail

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, 24.254, 229.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

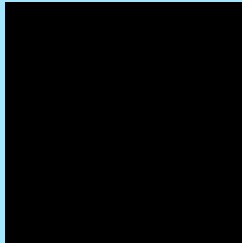
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 24.254, 229.578

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.254, 229.578.



This preview shows how white text looks on a background with the CIELCh color 88, 24.254, 229.578.

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, 24.254, 229.578

Protanopia

88, 15.171, 288.868

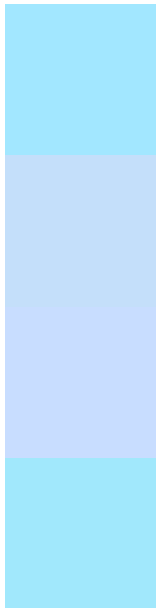
Deuteranopia

88, 21.121, 298.271



Tritanopia
88, 23.691, 221.658

Trichromacy



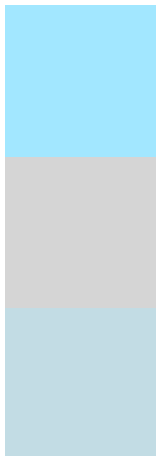
Original Color
88, 24.254, 229.578

Protanomaly
88, 16.432, 258.607

Deuteranomaly
88, 18.858, 270.272

Tritanomaly
88, 23.989, 224.133

Monochromacy



Original Color
88, 24.254, 229.578

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 9.759, 224.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.254, 229.578 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(162, 231, 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(162, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 231, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.254, 229.578 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, 231, 255) }
```

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

```
.border{ border-color:rgb(162, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(162, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(162, 231,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.254, 229.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 231, 255) }
```

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

```
.background{ background-color: rgb(162,  
231, 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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