

Converting Colors

CIELCh(88, 28.610, 220.140)

Have a look what the booklet for
CIELCh(88, 28.610, 220.140)
contains.

CIELCh(88, 28.551, 220.625)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 28.551, 220.625)

Conversions

Conversions Part 1

Format	Color
Hex	90EAFF
RGB	144, 234, 255
RGB Percent	56%, 92%, 100%
CMY	0.4349, 0.0820, 0.0000
CMYK	0.43, 0.08, 0.00, 0.00
HSL	191°, 100%, 78%
HSV	191°, 43%, 100%
XYZ	59.0350, 72.0653, 105.4892
YIQ	209.4840, -60.3810, -12.5490

Conversions

Conversions Part 2

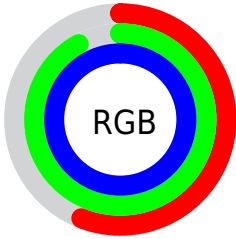
Format	Color
RYB	144, 194, 255
Decimal	9497343
CIELab	88.00, -21.67, -18.59
CIELCh	88, 28.551, 220.625
Yxy	72.0653, 0.2495, 0.3046
Android (android.graphics.Color)	4287687423 (0xFF90EAFf)
YUV	209.4840, 22.4394, -57.4295
Hunter-Lab	84.8913, -24.4275, -14.2522

Details

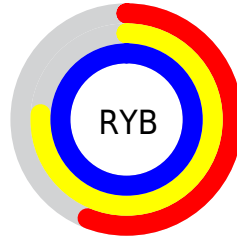
The CIELCh color **88, 28.551, 220.625** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **76, 39.558, 38.532**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **68, 28.592, 220.389** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.297, 221.741**, and if you desaturate by 10%, it is **91, 22.978, 219.618**.

Distribution



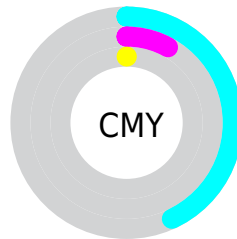
- Red (56%)
- Green (92%)
- Blue (100%)



- Red (56%)
- 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, 28.551, 220.625 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, 28.551, 220.625 by changing the saturation by 10% instead.


 88, 28.551,
220.625


 88, 28.551,
220.625


 100, 28.551,
220.625


 78, 28.551,
220.625

 68, 28.551,
220.625

 58, 28.551,
220.625

 48, 28.551,
220.625

 38, 28.551,
220.625

 28, 28.551,
220.625

 18, 28.551,

220.625

■ 8, 28.551, 220.625

■ 0, 28.551, 220.625

■ 88, 28.551,
220.625

■ 88, 28.551,
220.625

■ 86, 33.297,
221.741

■ 91, 22.978,
219.618

■ 84, 37.162,
223.365

■ 93, 16.728,
218.981

■ 82, 40.086,
225.472

■ 96, 9.907, 218.564

■ 80, 42.089,
228.143

■ 99, 2.630, 218.462

100, 0.012,
296.813

■ 78, 43.286,

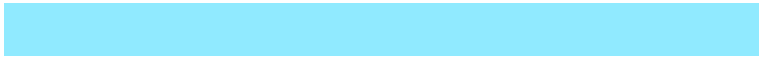
231.436

■ 77, 43.785,
233.861

Harmonies

Complementary

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



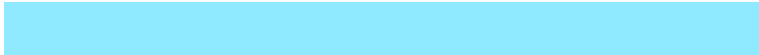
88, 28.551, 220.625



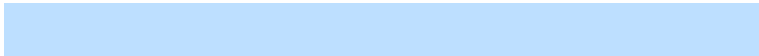
76, 39.558, 38.532

Rectangle

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



88, 28.551, 220.625



88, 28.551, 270.625



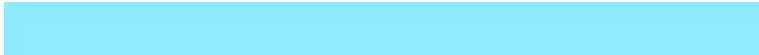
88, 28.551, 40.625



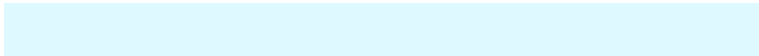
88, 28.551, 90.625

Sweetspot

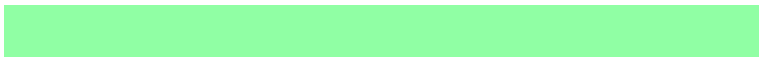
The Sweet Spot groups the original color and five complimentary colors.



88, 28.539, 220.517



96, 9.561, 218.549



92, 60.494, 146.238



51, 6.648, 218.621



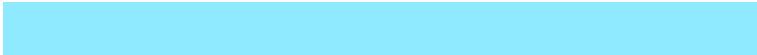
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 28.539, 220.517



86, 32.643, 221.535



73, 41.861, 280.005



52, 4.221, 218.460



59, 35.224, 233.143



19, 16.134, 228.177

Inverse Universe

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



74, 60.301, 332.981



70, 70.846, 333.586



89, 41.730, 86.708



50, 7.947, 330.692



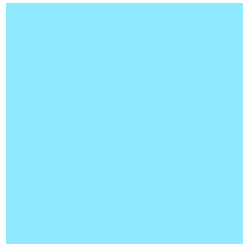
43, 80.370, 337.488



11, 37.614, 336.168

Previews

White Background



This preview shows how the CIE LCh color 88, 28.551, 220.625 looks on a white background.

Color Contrast Check

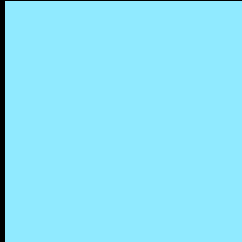
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 28.551, 220.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

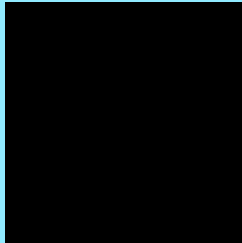
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.551, 220.625

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.551, 220.625.

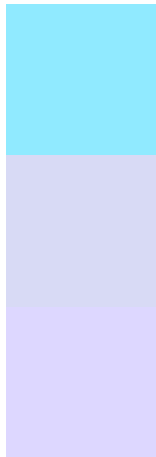


This preview shows how white text looks on a background with the CIELCh color 88, 28.551, 220.625.

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, 28.551, 220.625

Protanopia

88, 14.127, 288.584

Deuteranopia

88, 21.083, 297.363



Tritanopia
88, 28.334, 218.491

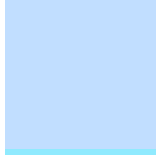
Trichromacy



Original Color
88, 28.551, 220.625



Protanomaly
88, 16.867, 250.002



Deuteranomaly
87, 19.368, 262.560

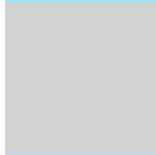


Tritanomaly
88, 28.438, 219.562

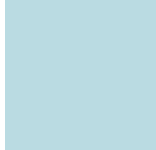
Monochromacy



Original Color
88, 28.551, 220.625



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, 28.551, 220.625 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(144, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.551, 220.625 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(144, 234, 255) }
```

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

```
.border{ border-color:rgb(144, 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(144, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.551, 220.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 234, 255) }
```

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

```
.background{ background-color: rgb(144,  
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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