

Converting Colors

CIELCh(90, 23.276, 220.601)

Have a look what the booklet for
CIELCh(90, 23.276, 220.601)
contains.

CIELCh(90, 23.281, 220.611)	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(90, 23.281, 220.611)

Conversions

Conversions Part 1

Format	Color
Hex	A7EDFE
RGB	167, 237, 254
RGB Percent	65%, 93%, 100%
CMY	0.3432, 0.0687, 0.0020
CMYK	0.34, 0.07, 0.00, 0.00
HSL	192°, 99%, 83%
HSV	192°, 34%, 100%
XYZ	64.4293, 76.3034, 105.5094
YIQ	218.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

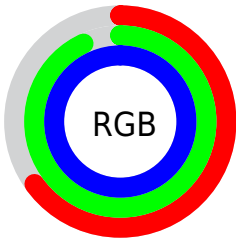
Format	Color
RYB	167, 206, 254
Decimal	11005438
CIELab	90.00, -17.67, -15.15
CIELCh	90, 23.281, 220.611
Yxy	76.3034, 0.2617, 0.3099
Android (android.graphics.Color)	4289195518 (0xFFA7EDFE)
YUV	218.0080, 17.7441, -44.7340
Hunter-Lab	87.3518, -21.2069, -10.4682

Details

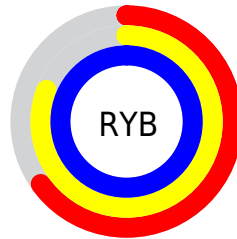
The CIELCh color **90, 23.281, 220.611** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 29.741, 38.850**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **70, 23.313, 220.126** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.775, 221.582**, and if you desaturate by 10%, it is **93, 17.099, 219.907**.

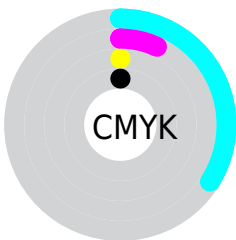
Distribution



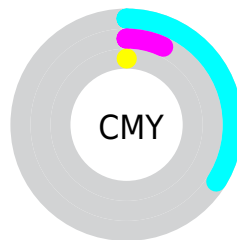
- Red (65%)
- Green (93%)
- Blue (100%)



- Red (65%)
- Yellow (81%)
- Blue (100%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (7%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 23.281, 220.611 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 90, 23.281, 220.611 by changing the saturation by 10% instead.


 90, 23.281,
220.611


 90, 23.281,
220.611


 100, 23.281,
220.611


 80, 23.281,
220.611

 70, 23.281,
220.611

 60, 23.281,
220.611

 50, 23.281,
220.611

 40, 23.281,
220.611

 30, 23.281,
220.611

 20, 23.281,

220.611

■ 10, 23.281,
220.611

■ 0, 23.281, 220.611

■ 90, 23.281,
220.611

■ 90, 23.281,
220.611

■ 87, 28.775,
221.582

■ 93, 17.099,
219.907

■ 85, 33.470,
222.898

■ 96, 10.346,
219.435

■ 83, 37.280,
224.632

■ 99, 3.135, 219.249

■ 81, 40.164,
226.870

100, 0.247,
109.846

■ 79, 42.152,
229.694

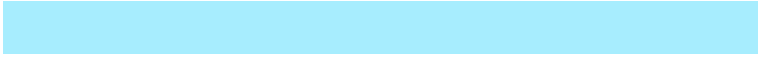
■ 77, 43.365,
233.158

■ 77, 43.854,
235.405

Harmonies

Complementary

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



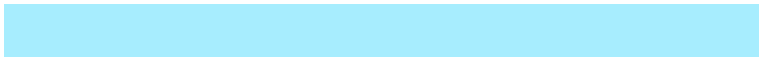
90, 23.281, 220.611



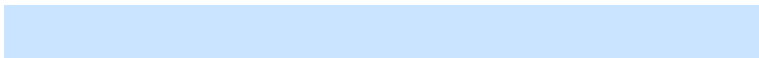
81, 29.741, 38.850

Rectangle

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



90, 23.281, 220.611



90, 23.281, 270.611



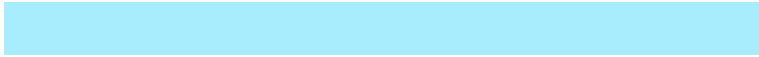
90, 23.281, 40.611



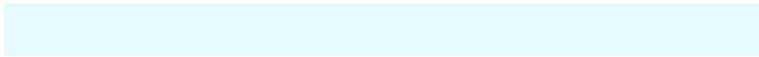
90, 23.281, 90.611

Sweetspot

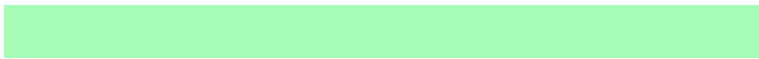
The Sweet Spot groups the original color and five complimentary colors.



90, 23.281, 220.607



97, 7.386, 219.304



93, 47.846, 147.251



51, 5.021, 219.343



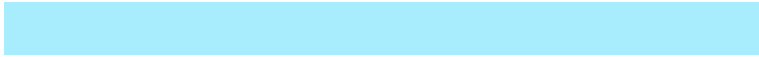
0, 0.000, 0.000



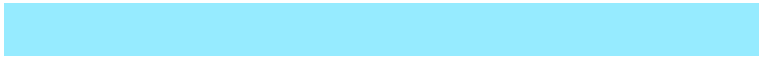
53, 0.007, 296.813

Same Dimension

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



90, 23.281, 220.607



88, 27.147, 221.238



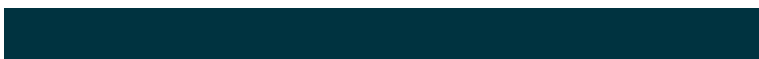
79, 32.560, 277.929



52, 4.205, 219.292



59, 35.320, 234.666



19, 16.142, 229.515

Inverse Universe

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



79, 47.598, 332.594



76, 56.786, 333.072



91, 32.556, 87.995



50, 7.908, 330.935



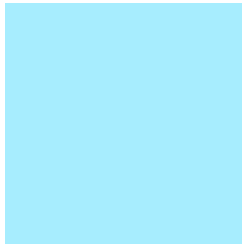
43, 79.953, 337.906



11, 37.440, 336.518

Previews

White Background



This preview shows how the CIE LCh color 90, 23.281, 220.611 looks on a white background.

Color Contrast Check

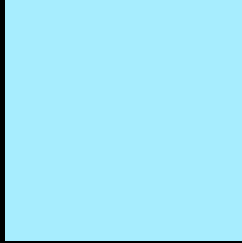
Large Text (above 18pt) WCAG AA × Fail

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 90, 23.281, 220.611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

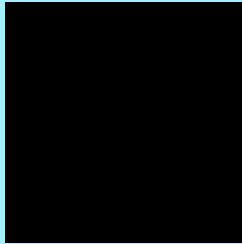
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 23.281, 220.611

Background



This preview shows how black text looks on a background with the CIELCh color 90, 23.281, 220.611.

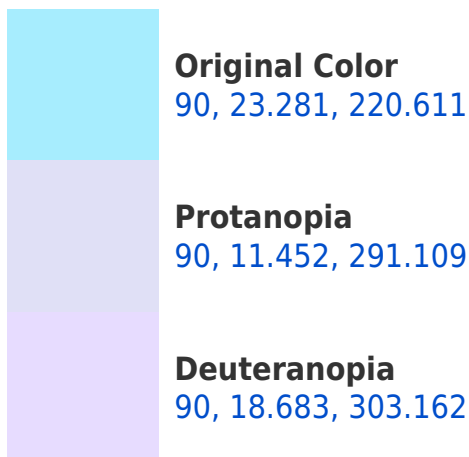


This preview shows how white text looks on a background with the CIELCh color 90, 23.281, 220.611.

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](#).

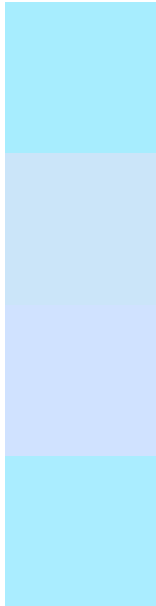
Dichromacy





Tritanopia
90, 22.413, 223.062

Trichromacy



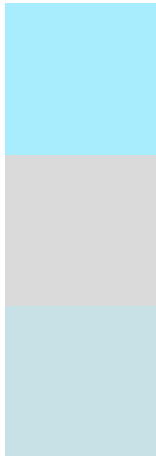
Original Color
90, 23.281, 220.611

Protanomaly
90, 13.340, 250.518

Deuteranomaly
89, 16.072, 269.637

Tritanomaly
90, 22.665, 222.754

Monochromacy



Original Color
90, 23.281, 220.611

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 9.076, 219.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 23.281, 220.611 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(167, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 254)  
}
```

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(167, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 23.281, 220.611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

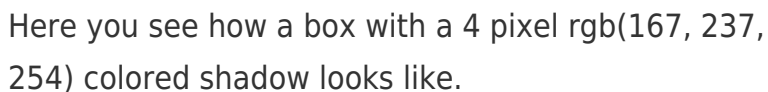
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 237, 254) }
```

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

```
.border{ border-color:rgb(167, 237, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 237, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 237, 254); box-shadow:4px 4px 4px 4px rgb(167, 237, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 23.281, 220.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 254) }
```

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

```
.background{ background-color: rgb(167,  
237, 254) }
```

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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