

Converting Colors

CIELCh(90, 19.229, 225.958)

Have a look what the booklet for
CIELCh(90, 19.229, 225.958)
contains.

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Color

CIELCh(90, 19.179, 226.030)

Conversions

Conversions Part 1

Format	Color
Hex	B5EBFC
RGB	181, 235, 252
RGB Percent	71%, 92%, 99%
CMY	0.2900, 0.0782, 0.0116
CMYK	0.28, 0.07, 0.00, 0.01
HSL	194°, 92%, 85%
HSV	194°, 28%, 99%
XYZ	66.3662, 76.3034, 103.3636
YIQ	220.7920, -37.6410, -6.1610

Conversions

Conversions Part 2

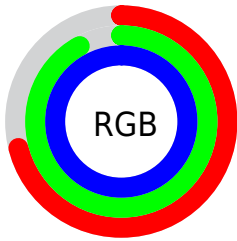
Format	Color
RYB	181, 212, 252
Decimal	11922428
CIELab	90.00, -13.32, -13.80
CIElCh	90, 19.179, 226.030
Yxy	76.3034, 0.2697, 0.3101
Android (android.graphics.Color)	4290112508 (0xFFB5EBFC)
YUV	220.7920, 15.3855, -34.8976
Hunter-Lab	87.3518, -17.2489, -9.0117

Details

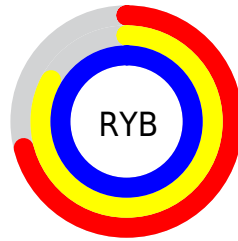
The CIELCh color **90, 19.179, 226.030** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.145, 43.283**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.840, 199.149**, and **70, 19.124, 225.684** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.035, 227.141**, and if you desaturate by 10%, it is **93, 12.762, 225.196**.

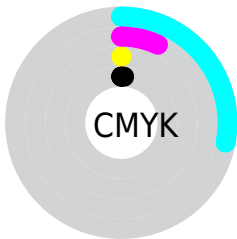
Distribution



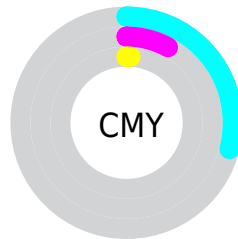
- Red (71%)
- Green (92%)
- Blue (99%)



- Red (71%)
- Yellow (83%)
- Blue (99%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 19.179, 226.030 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, 19.179, 226.030 by changing the saturation by 10% instead.

■ 90, 19.179,
226.030

■ 90, 19.179,
226.030

■ 100, 19.179,
226.030

■ 80, 19.179,
226.030

■ 70, 19.179,
226.030

■ 60, 19.179,
226.030

■ 50, 19.179,
226.030

■ 40, 19.179,
226.030

■ 30, 19.179,
226.030

■ 20, 19.179,

226.030

■ 10, 19.179,
226.030

■ 0, 19.179, 226.030

■ 90, 19.179,
226.030

■ 90, 19.179,
226.030

■ 87, 25.035,
227.141

■ 93, 12.762,
225.196

■ 84, 30.227,
228.609

■ 96, 5.889, 224.626

■ 82, 34.665,
230.514

■ 99, 0.845, 59.995

■ 79, 38.293,
232.948

■ 100, 1.486,
110.015

■ 77, 41.113,
236.005

■ 75, 43.208,
239.751

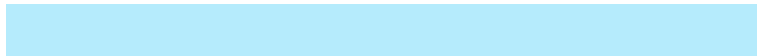
■ 73, 44.778,
244.165

■ 73, 45.057,
244.996

Harmonies

Complementary

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



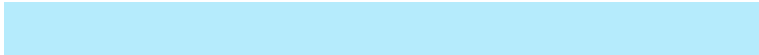
90, 19.179, 226.030



84, 23.145, 43.283

Rectangle

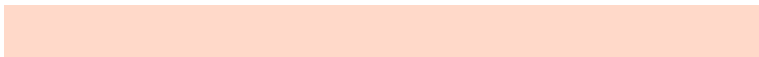
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



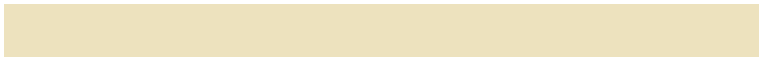
90, 19.179, 226.030



90, 19.179, 276.030



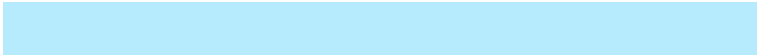
90, 19.179, 46.030



90, 19.179, 96.030

Sweetspot

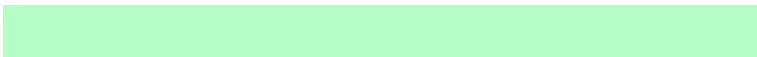
The Sweet Spot groups the original color and five complimentary colors.



90, 19.179, 226.025



97, 5.825, 224.619



93, 37.779, 149.543



51, 4.125, 224.684



0, 0.000, 0.000



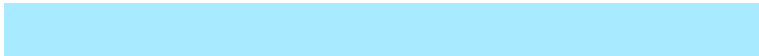
53, 0.007, 296.813

Same Dimension

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



90, 19.179, 226.025



89, 22.882, 226.639



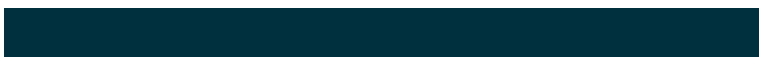
81, 28.132, 280.262



51, 4.057, 224.683



56, 36.093, 244.107



17, 15.936, 237.644

Inverse Universe

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



82, 37.847, 333.847



79, 46.008, 334.279



93, 27.708, 92.590



49, 7.539, 332.531



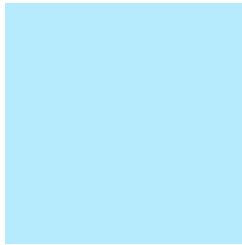
42, 76.667, 340.677



11, 35.453, 338.744

Previews

White Background



This preview shows how the CIELCh color 90, 19.179, 226.030 looks on a white background.

Color Contrast Check

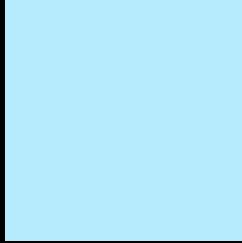
Large Text (above 18pt) WCAG AA × Fail

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, 19.179, 226.030 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, 19.179, 226.030

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.179, 226.030.

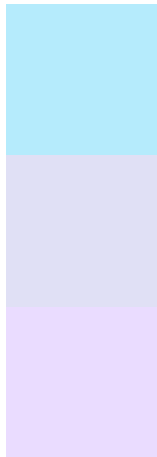


This preview shows how white text looks on a background with the CIELCh color 90, 19.179, 226.030.

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
90, 19.179, 226.030

Protanopia
90, 10.932, 291.068

Deuteranopia
90, 18.920, 306.216



Tritanopia
90, 19.577, 228.933

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.179, 226.030 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(181, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(181, 235, 252)  
}
```

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(181, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 235, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.179, 226.030 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(181, 235, 252) }
```

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

```
.border{ border-color:rgb(181, 235, 252) }
```

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

Here you see how a box with a 4 pixel rgb(181, 235, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(181, 235,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.179, 226.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 235, 252) }
```

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

```
.background{ background-color: rgb(181,  
235, 252) }
```

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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