

Converting Colors

CIELCh(92, 39.189, 273.009)

Have a look what the booklet for
CIELCh(92, 39.189, 273.009)
contains.

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Color

CIELCh(90, 18.102, 235.914)

Conversions

Conversions Part 1

Format	Color
Hex	BBE9FE
RGB	187, 233, 254
RGB Percent	73%, 91%, 100%
CMY	0.2650, 0.0847, 0.0024
CMYK	0.26, 0.08, 0.00, 0.00
HSL	199°, 98%, 87%
HSV	199°, 26%, 100%
XYZ	67.7995, 76.3034, 105.2504
YIQ	221.6400, -34.1570, -3.2210

Conversions

Conversions Part 2

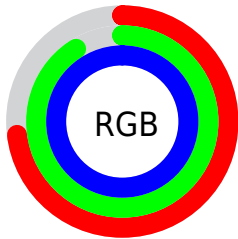
Format	Color
RYB	187, 214, 254
Decimal	12315134
CIELab	90.00, -10.15, -14.99
CIELCh	90, 18.102, 235.914
Yxy	76.3034, 0.2719, 0.3060
Android (android.graphics.Color)	4290505214 (0xFFBBE9FE)
YUV	221.6400, 15.9535, -30.3793
Hunter-Lab	87.3518, -14.3200, -10.2924

Details

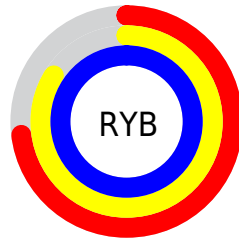
The CIELCh color **90, 18.102, 235.914** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 21.104, 51.427**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **70, 18.090, 236.015** is the 20% darker color. If you saturate the color by 10%, you get **86, 24.250, 237.430**, and if you desaturate by 10%, it is **94, 11.509, 234.718**.

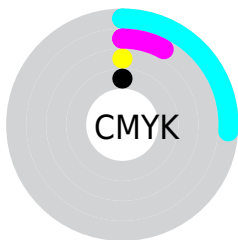
Distribution



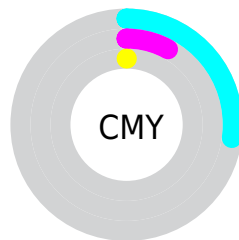
- Red (73%)
- Green (91%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (8%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.102, 235.914 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, 18.102, 235.914 by changing the saturation by 10% instead.


 90, 18.102,
235.914


 90, 18.102,
235.914


 100, 18.102,
235.914


 80, 18.102,
235.914


 70, 18.102,
235.914

 60, 18.102,
235.914

 50, 18.102,
235.914

 40, 18.102,
235.914

 30, 18.102,
235.914

 20, 18.102,

235.914

■ 10, 18.102,
235.914

■ 0, 18.102, 235.914

■ 90, 18.102,
235.914

■ 90, 18.102,
235.914

■ 86, 24.250,
237.430

■ 94, 11.509,
234.718

■ 83, 29.872,
239.355

■ 97, 4.556, 233.841

■ 80, 34.902,
241.770

100, 0.296,
109.894

■ 77, 39.304,
244.771

■ 74, 43.101,
248.435

■ 71, 46.396,
252.795

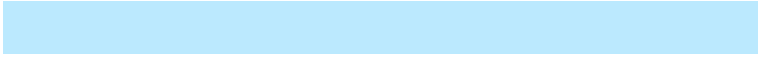
■ 69, 49.379,
257.786

■ 68, 50.480,
259.668

Harmonies

Complementary

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



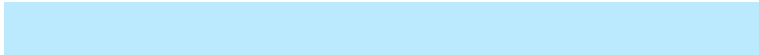
90, 18.102, 235.914



87, 21.104, 51.427

Rectangle

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



90, 18.102, 235.914



90, 18.102, 285.914



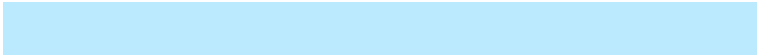
90, 18.102, 55.914



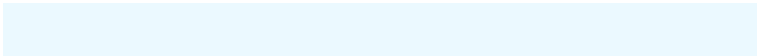
90, 18.102, 105.914

Sweetspot

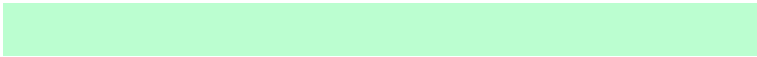
The Sweet Spot groups the original color and five complimentary colors.



90, 18.101, 235.909



97, 5.751, 233.958



94, 33.848, 152.189



51, 4.075, 234.077



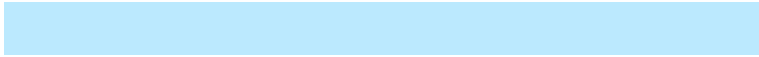
0, 0.000, 0.000



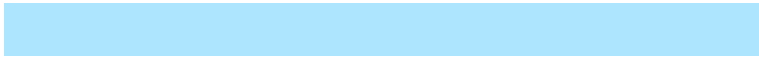
53, 0.007, 296.813

Same Dimension

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



90, 18.101, 235.909



88, 21.690, 236.727



82, 28.637, 284.062



51, 4.075, 234.077



52, 40.359, 258.700



16, 17.519, 251.573

Inverse Universe

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



83, 33.875, 336.761



80, 41.217, 337.230



95, 27.784, 97.307



50, 7.271, 335.461



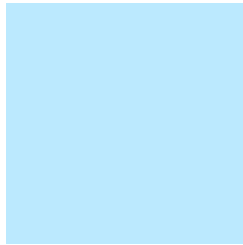
42, 73.697, 345.937



11, 34.737, 343.175

Previews

White Background



This preview shows how the CIE LCh color 90, 18.102, 235.914 looks on a white background.

Color Contrast Check

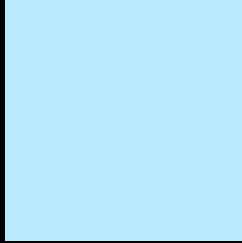
Large Text (above 18pt) WCAG AA × Fail

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, 18.102, 235.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

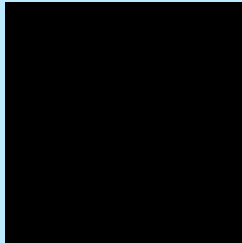
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 18.102, 235.914

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.102, 235.914.

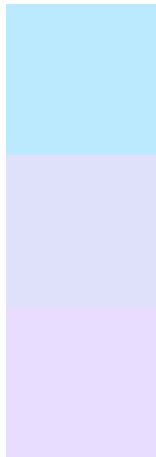


This preview shows how white text looks on a background with the CIELCh color 90, 18.102, 235.914.

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, 18.110, 235.927

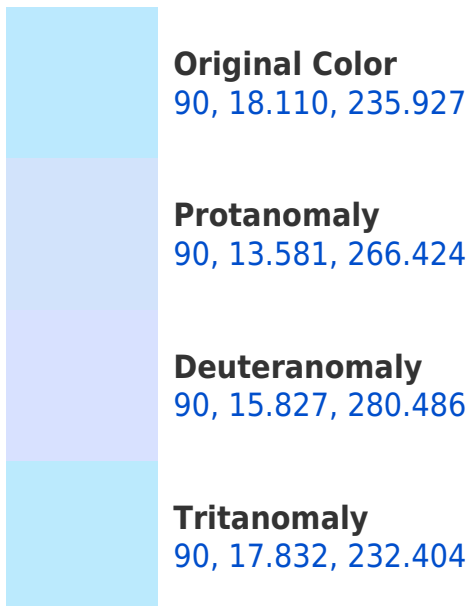
Protanopia
90, 13.010, 289.733

Deuteranopia
90, 18.756, 304.186



Tritanopia
90, 17.595, 230.877

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.102, 235.914 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(187, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 233, 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(187, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 233, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.102, 235.914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

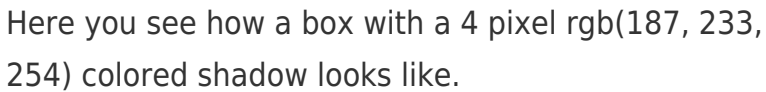
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 233, 254) }
```

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

```
.border{ border-color:rgb(187, 233, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 233, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 233, 254); box-shadow:4px 4px 4px 4px rgb(187, 233, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.102, 235.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 233, 254) }
```

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

```
.background{ background-color: rgb(187,  
233, 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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