

Converting Colors

CIELCh(90, 18.665, 239.299)

Have a look what the booklet for
CIELCh(90, 18.665, 239.299)
contains.

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Color

CIELCh(90, 18.153, 237.943)

Conversions

Conversions Part 1

Format	Color
Hex	BCE9FF
RGB	188, 233, 255
RGB Percent	74%, 91%, 100%
CMY	0.2621, 0.0857, 0.0000
CMYK	0.26, 0.09, 0.00, 0.00
HSL	200°, 100%, 87%
HSV	200°, 26%, 100%
XYZ	68.0320, 76.3034, 105.8792
YIQ	222.0530, -33.8820, -2.6980

Conversions

Conversions Part 2

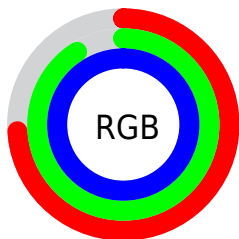
Format	Color
R _Y B	188, 215, 255
Decimal	12380671
CIE _{Lab}	90.00, -9.63, -15.39
CIE _{LCh}	90, 18.153, 237.943
Yxy	76.3034, 0.2719, 0.3050
Android (android.graphics.Color)	4290570751 (0xFFBCE9FF)
YUV	222.0530, 16.2429, -29.8645
Hunter-Lab	87.3518, -13.8449, -10.7192

Details

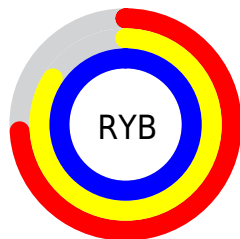
The CIELCh color **90, 18.153, 237.943** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 20.997, 52.945**, and the grayscale version is **88, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **70, 18.143, 238.136** is the 20% darker color. If you saturate the color by 10%, you get **86, 24.325, 239.310**, and if you desaturate by 10%, it is **94, 11.469, 236.468**.

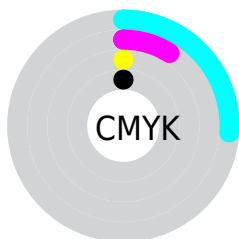
Distribution



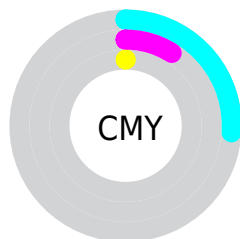
- Red (74%)
- Green (91%)
- Blue (100%)



- Red (74%)
- Yellow (84%)
- Blue (100%)



- Cyan (26%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)





- Cyan (26%)
- Magenta (9%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.153, 237.943 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, 18.153, 237.943 by changing the saturation by 10% instead.


 90, 18.153,
237.943


 90, 18.153,
237.943


 100, 18.153,
237.943


 80, 18.153,
237.943


 70, 18.153,
237.943

 60, 18.153,
237.943

 50, 18.153,
237.943

 40, 18.153,
237.943

 30, 18.153,
237.943

 20, 18.153,

237.943

■ 10, 18.153,
237.943

■ 0, 18.153, 237.943

■ 90, 18.153,
237.943

■ 90, 18.153,
237.943

■ 86, 24.325,
239.310

■ 94, 11.469,
236.468

■ 83, 30.040,
241.309

■ 98, 4.486, 235.535

■ 80, 35.192,
243.806

100, 0.012,
296.813

■ 76, 39.752,
246.890

■ 73, 43.747,
250.637

■ 71, 47.285,
255.068

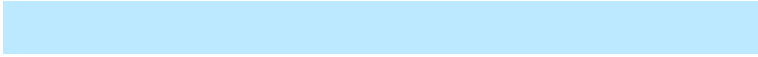
■ 68, 50.555,
260.106

■ 67, 51.807,
262.059

Harmonies

Complementary

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



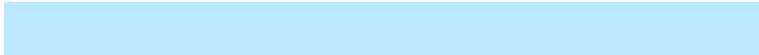
90, 18.153, 237.943



87, 20.997, 52.945

Rectangle

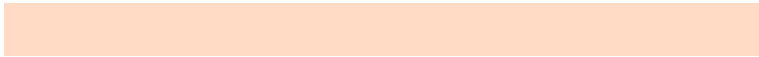
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 18.153, 237.943



90, 18.153, 287.943



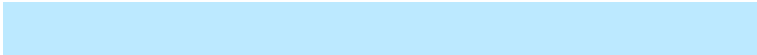
90, 18.153, 57.943



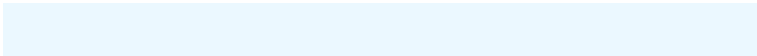
90, 18.153, 107.943

Sweetspot

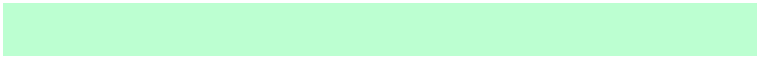
The Sweet Spot groups the original color and five complimentary colors.



90, 18.108, 237.721



97, 5.754, 235.671



95, 33.340, 152.856



51, 4.077, 235.798



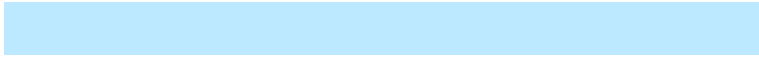
0, 0.000, 0.000



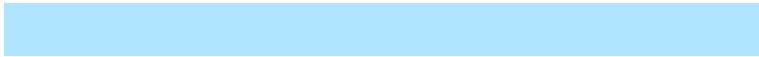
53, 0.007, 296.813

Same Dimension

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



90, 18.108, 237.721



88, 21.141, 238.436



82, 29.133, 284.981



51, 4.077, 235.798



51, 41.307, 261.080



16, 17.819, 253.880

Inverse Universe

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



84, 33.483, 337.342



81, 39.579, 337.745



96, 28.168, 98.350



50, 7.201, 336.028



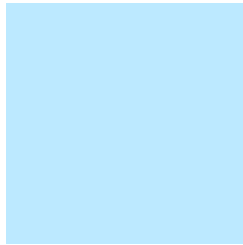
42, 73.100, 346.968



11, 34.466, 344.022

Previews

White Background



This preview shows how the CIE LCh color 90, 18.153, 237.943 looks on a white background.

Color Contrast Check

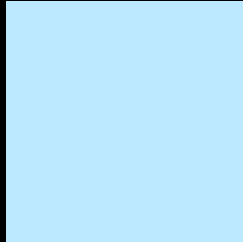
Large Text (above 18pt) WCAG AA × Fail

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, 18.153, 237.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

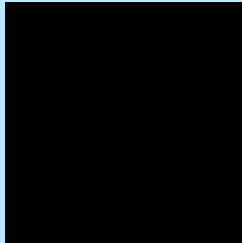
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 18.153, 237.943

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.153, 237.943.



This preview shows how white text looks on a background with the CIELCh color 90, 18.153, 237.943.

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, 18.153, 237.943

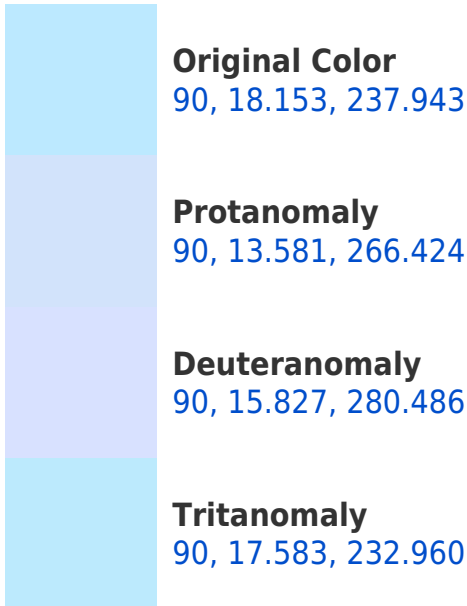
Protanopia
90, 13.010, 289.733

Deuteranopia
90, 18.159, 303.469



Tritanopia
90, 17.342, 231.420

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.153, 237.943 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(188, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 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(188, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.153, 237.943 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(188, 233, 255) }
```

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

```
.border{ border-color:rgb(188, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.153, 237.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 255) }
```

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

```
.background{ background-color: rgb(188,  
233, 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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