

Converting Colors

CIELCh(90, 18.538, 234.451)

Have a look what the booklet for
CIELCh(90, 18.538, 234.451)
contains.

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Color

CIElCh(90, 18.580, 234.778)

Conversions

Conversions Part 1

Format	Color
Hex	BAEAFB
RGB	186, 234, 255
RGB Percent	73%, 92%, 100%
CMY	0.2716, 0.0834, 0.0011
CMYK	0.27, 0.08, 0.00, 0.00
HSL	198°, 99%, 86%
HSV	198°, 27%, 100%
XYZ	67.5399, 76.3034, 105.5483
YIQ	222.0420, -35.3490, -3.6450

Conversions

Conversions Part 2

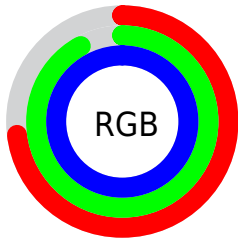
Format	Color
R _Y B	186, 214, 255
Decimal	12249855
CIE _{Lab}	90.00, -10.72, -15.18
CIE _{LCh}	90, 18.580, 234.778
Y _{xy}	76.3034, 0.2708, 0.3060
Android (android.graphics.Color)	4290439935 (0xFFBAEAFF)
YUV	222.0420, 16.2483, -31.6088
Hunter-Lab	87.3518, -14.8504, -10.4947

Details

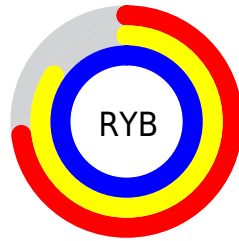
The CIELCh color **90, 18.580, 234.778** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 21.839, 50.375**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **70, 18.553, 234.855** is the 20% darker color. If you saturate the color by 10%, you get **87, 24.666, 236.271**, and if you desaturate by 10%, it is **94, 12.028, 233.605**.

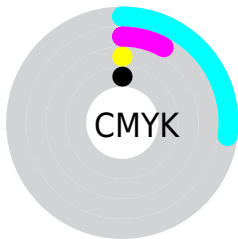
Distribution



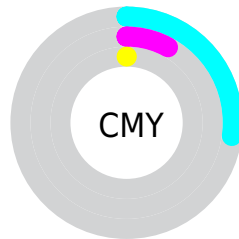
- Red (73%)
- Green (92%)
- Blue (100%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.580, 234.778 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, 18.580, 234.778 by changing the saturation by 10% instead.


 90, 18.580,
234.778


 90, 18.580,
234.778


 100, 18.580,
234.778


 80, 18.580,
234.778


 70, 18.580,
234.778

 60, 18.580,
234.778

 50, 18.580,
234.778

 40, 18.580,
234.778

 30, 18.580,
234.778

 20, 18.580,

234.778

■ 10, 18.580,
234.778

■ 0, 18.580, 234.778

■ 90, 18.580,
234.778

■ 90, 18.580,
234.778

■ 87, 24.666,
236.271

■ 94, 12.028,
233.605

■ 83, 30.204,
238.172

■ 97, 5.098, 232.741

■ 80, 35.124,
240.567

100, 0.125,
109.549

■ 77, 39.391,
243.548

■ 74, 43.028,
247.198

■ 72, 46.142,
251.549

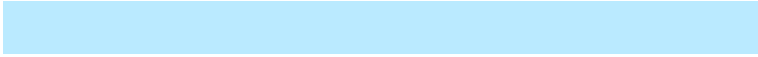
■ 69, 48.930,
256.532

■ 69, 49.751,
258.014

Harmonies

Complementary

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



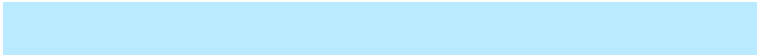
90, 18.580, 234.778



87, 21.839, 50.375

Rectangle

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



90, 18.580, 234.778



90, 18.580, 284.778



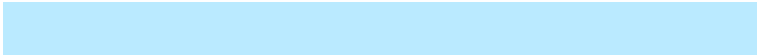
90, 18.580, 54.778



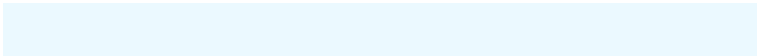
90, 18.580, 104.778

Sweetspot

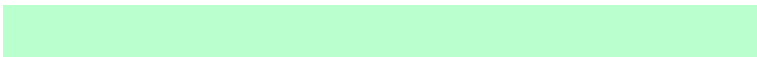
The Sweet Spot groups the original color and five complimentary colors.



90, 18.579, 234.773



97, 5.752, 232.804



94, 34.849, 152.116



51, 4.075, 232.917



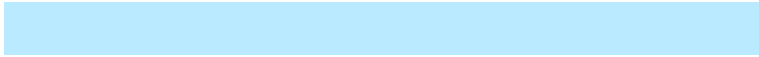
0, 0.000, 0.000



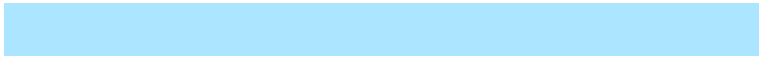
53, 0.007, 296.813

Same Dimension

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



90, 18.579, 234.773



88, 22.261, 235.615



81, 29.524, 284.191



51, 4.075, 232.917



52, 39.759, 257.047



16, 17.332, 249.986

Inverse Universe

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



83, 35.101, 336.430



80, 42.749, 336.914



95, 28.614, 97.216



50, 7.318, 335.085



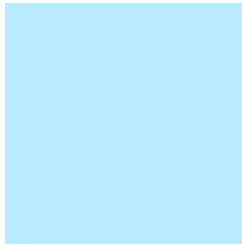
42, 74.114, 345.256



11, 34.925, 342.615

Previews

White Background



This preview shows how the CIE LCh color 90, 18.580, 234.778 looks on a white background.

Color Contrast Check

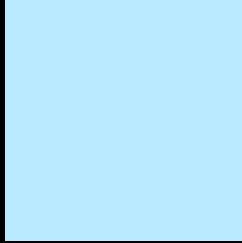
Large Text (above 18pt) WCAG AA × Fail

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, 18.580, 234.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

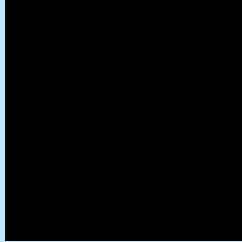
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 18.580, 234.778

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.580, 234.778.



This preview shows how white text looks on a background with the CIELCh color 90, 18.580, 234.778.

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](#).

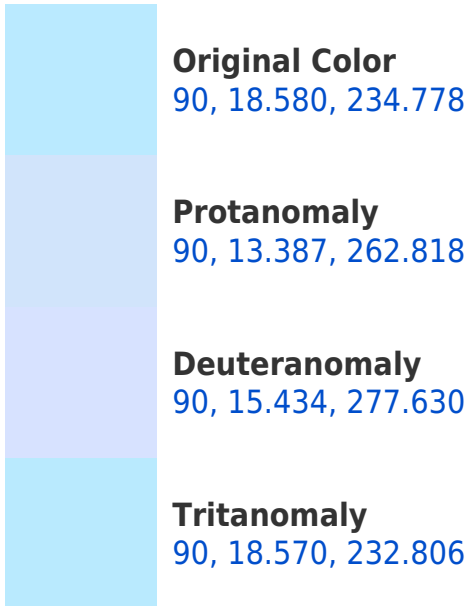
Dichromacy





Tritanopia
90, 18.331, 231.341

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.580, 234.778 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(186, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.580, 234.778 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(186, 234, 255) }
```

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

```
.border{ border-color:rgb(186, 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(186, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.580, 234.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 255) }
```

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

```
.background{ background-color: rgb(186,  
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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