

Converting Colors

CIELCh(90, 16.237, 222.891)

Have a look what the booklet for
CIELCh(90, 16.237, 222.891)
contains.

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Color

CIELCh(90, 16.325, 223.120)

Conversions

Conversions Part 1

Format	Color
Hex	BCEAF7
RGB	188, 234, 247
RGB Percent	74%, 92%, 97%
CMY	0.2625, 0.0821, 0.0311
CMYK	0.24, 0.05, 0.00, 0.03
HSL	193°, 79%, 85%
HSV	193°, 24%, 97%
XYZ	66.9964, 76.3034, 99.2474
YIQ	221.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

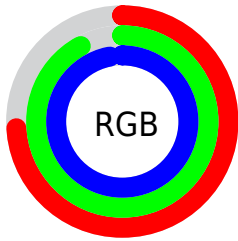
Format	Color
R _Y B	188, 214, 247
Decimal	12380919
CIE Lab	90.00, -11.92, -11.16
CIE LCh	90, 16.325, 223.120
Yxy	76.3034, 0.2762, 0.3146
Android (android.graphics.Color)	4290570999 (0xFFBCEAF7)
YUV	221.7280, 12.4591, -29.5795
Hunter-Lab	87.3518, -15.9611, -6.2179

Details

The CIELCh color **90, 16.325, 223.120** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 19.142, 41.303**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **70, 16.477, 224.116** is the 20% darker color. If you saturate the color by 10%, you get **87, 22.347, 223.971**, and if you desaturate by 10%, it is **93, 9.775, 222.505**.

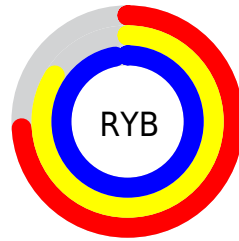
Distribution



Red (74%)

Green (92%)

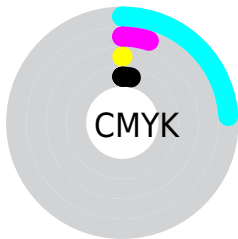
Blue (97%)



Red (74%)

Yellow (84%)

Blue (97%)

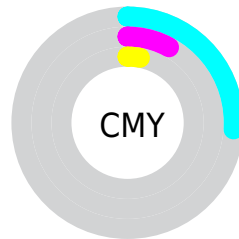


Cyan (24%)

Magenta (5%)

Yellow (0%)

Black (3%)



Cyan (26%)


Magenta (8%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 16.325, 223.120 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, 16.325, 223.120 by changing the saturation by 10% instead.


 90, 16.325,
223.120


 90, 16.325,
223.120


 100, 16.325,
223.120


 80, 16.325,
223.120


 70, 16.325,
223.120

 60, 16.325,
223.120

 50, 16.325,
223.120

 40, 16.325,
223.120

 30, 16.325,
223.120

 20, 16.325,

223.120

■ 10, 16.325,
223.120

■ 0, 16.325, 223.120

■ 90, 16.325,
223.120

■ 90, 16.325,
223.120

■ 87, 22.347,
223.971

■ 93, 9.775, 222.505

■ 96, 2.802, 222.213

■ 85, 27.734,
225.129

■ 99, 2.328, 65.744

■ 82, 32.385,
226.660

■ 100, 4.011,
109.859

■ 80, 36.220,
228.648

■ 78, 39.205,
231.185

■ 76, 41.377,
234.356

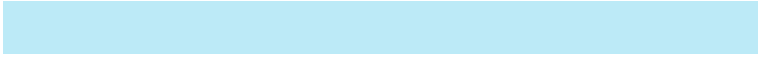
■ 74, 42.863,
238.208

■ 73, 43.580,
240.823

Harmonies

Complementary

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



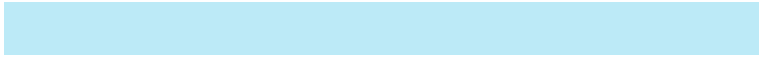
90, 16.325, 223.120



85, 19.142, 41.303

Rectangle

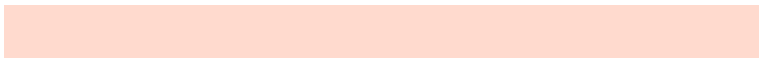
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 16.325, 223.120



90, 16.325, 273.120



90, 16.325, 43.120



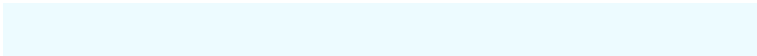
90, 16.325, 93.120

Sweetspot

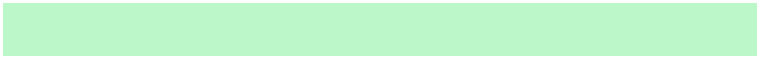
The Sweet Spot groups the original color and five complimentary colors.



90, 16.325, 223.114



98, 5.147, 222.238



92, 31.923, 149.357



52, 3.340, 222.254



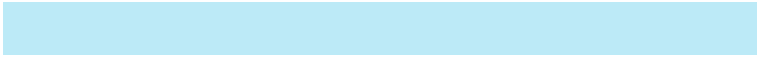
0, 0.000, 0.000



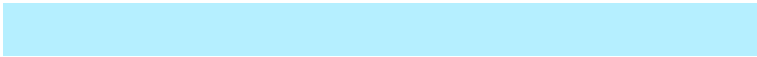
53, 0.007, 296.813

Same Dimension

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



90, 16.325, 223.114



91, 19.983, 223.523



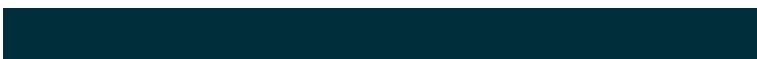
82, 22.883, 278.363



50, 4.018, 222.315



56, 35.129, 239.991



17, 15.362, 233.661

Inverse Universe

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



83, 31.999, 332.806



82, 39.849, 333.169



92, 22.695, 91.932



48, 7.514, 331.823



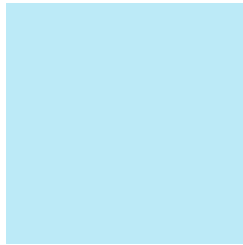
42, 76.957, 339.425



10, 34.959, 337.630

Previews

White Background



This preview shows how the CIE LCh color 90, 16.325, 223.120 looks on a white background.

Color Contrast Check

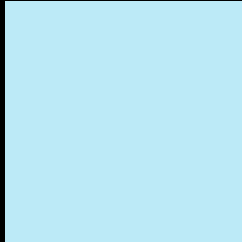
Large Text (above 18pt) WCAG AA × Fail

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, 16.325, 223.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

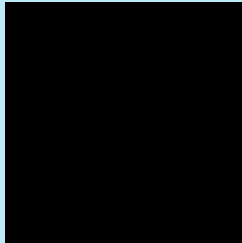
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 16.325, 223.120

Background



This preview shows how black text looks on a background with the CIELCh color 90, 16.325, 223.120.



This preview shows how white text looks on a background with the CIELCh color 90, 16.325, 223.120.

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, 17.097, 234.136

Trichromacy



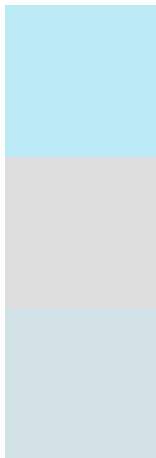
Original Color
90, 16.325, 223.120

Protanomaly
90, 9.409, 255.395

Deuteranomaly
90, 12.610, 281.901

Tritanomaly
90, 16.605, 230.960

Monochromacy



Original Color
90, 16.325, 223.120

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 6.097, 224.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 16.325, 223.120 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, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(188, 234, 247)  
}
```

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, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 234, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 16.325, 223.120 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, 234, 247) }
```

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

```
.border{ border-color:rgb(188, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(188, 234,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 16.325, 223.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 234, 247) }
```

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

```
.background{ background-color: rgb(188,  
234, 247) }
```

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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