

Converting Colors

CIELCh(90, 17.972, 182.611)

Have a look what the booklet for
CIELCh(90, 17.972, 182.611)
contains.

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Color

CIELCh(90, 18.248, 181.607)

Conversions

Conversions Part 1

Format	Color
Hex	BAEDE3
RGB	186, 237, 227
RGB Percent	73%, 93%, 89%
CMY	0.2718, 0.0719, 0.1111
CMYK	0.22, 0.00, 0.04, 0.07
HSL	168°, 58%, 83%
HSV	168°, 22%, 93%
XYZ	64.1800, 76.3034, 83.7812
YIQ	220.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

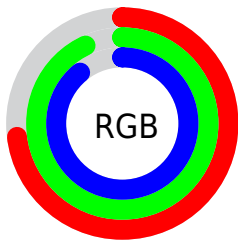
Format	Color
RYB	186, 214, 237
Decimal	12250595
CIELab	90.00, -18.24, -0.51
CIELCh	90, 18.248, 181.607
Yxy	76.3034, 0.2862, 0.3402
Android (android.graphics.Color)	4290440675 (0xFFBAEDE3)
YUV	220.6110, 3.1498, -30.3538
Hunter-Lab	87.3518, -21.7163, 4.2798

Details

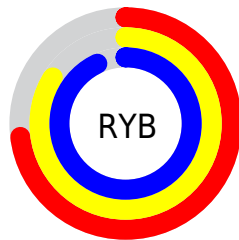
The CIELCh color **90, 18.248, 181.607** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 19.948, 5.765**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.141, 199.303**, and **70, 18.116, 182.091** is the 20% darker color. If you saturate the color by 10%, you get **89, 26.116, 180.596**, and if you desaturate by 10%, it is **92, 9.946, 182.572**.

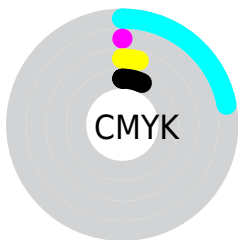
Distribution



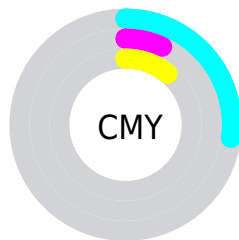
- Red (73%)
- Green (93%)
- Blue (89%)



- Red (73%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.248, 181.607 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, 18.248, 181.607 by changing the saturation by 10% instead.


 90, 18.248,
181.607


 90, 18.248,
181.607


 100, 18.248,
181.607


 80, 18.248,
181.607


 70, 18.248,
181.607

 60, 18.248,
181.607

 50, 18.248,
181.607

 40, 18.248,
181.607

 30, 18.248,
181.607

 20, 18.248,

181.607

■ 10, 18.248,
181.607

■ 0, 18.248, 181.607

■ 90, 18.248,
181.607

■ 90, 18.248,
181.607

■ 89, 26.116,
180.596

■ 92, 9.946, 182.572

■ 87, 33.398,
179.526

■ 93, 1.344, 183.843

■ 86, 39.950,
178.373

■ 95, 6.857, 2.766

■ 86, 45.641,
177.115

■ 95, 7.872, 346.003

■ 95, 9.400, 333.908

■ 96, 11.232,

■ 85, 50.376,
175.727

325.519

■ 84, 54.118,
174.187

■ 96, 11.433,
324.812

■ 84, 56.910,
172.478

■ 84, 58.698,
170.928

Harmonies

Complementary

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



90, 18.248, 181.607



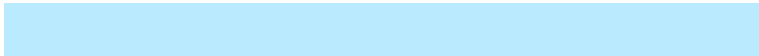
80, 19.948, 5.765

Rectangle

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



90, 18.248, 181.607



90, 18.248, 231.607



90, 18.248, 1.607



90, 18.248, 51.607

Sweetspot

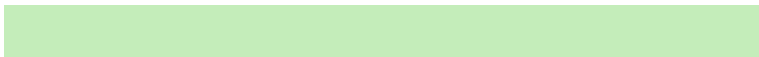
The Sweet Spot groups the original color and five complimentary colors.



90, 18.249, 181.603



99, 5.530, 183.125



90, 30.400, 137.730



53, 3.665, 183.055



0, 0.000, 0.000



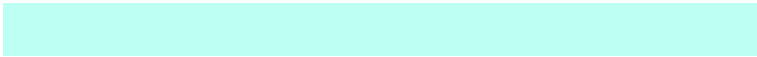
53, 0.007, 296.813

Same Dimension

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



90, 18.249, 181.603



95, 23.171, 181.151



86, 14.135, 233.505



48, 4.873, 182.775



66, 47.819, 171.271



19, 19.751, 174.302

Inverse Universe

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



80, 19.948, 5.765



83, 25.852, 6.363



84, 16.027, 50.187



46, 5.062, 4.371



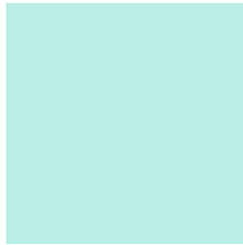
38, 71.990, 29.658



7, 27.914, 14.613

Previews

White Background



This preview shows how the CIELCh color 90, 18.248, 181.607 looks on a white background.

Color Contrast Check

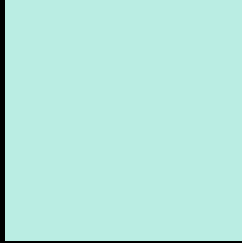
Large Text (above 18pt) WCAG AA × Fail

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, 18.248, 181.607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

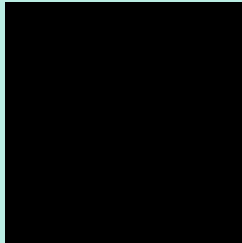
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

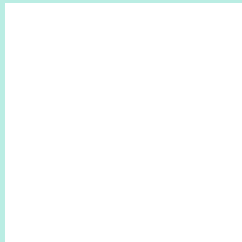
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 18.248, 181.607

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.248, 181.607.

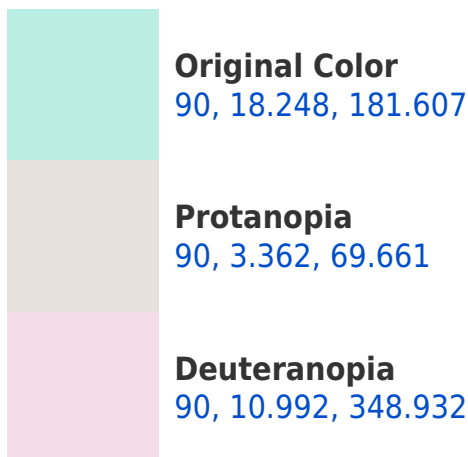



This preview shows how white text looks on a background with the CIELCh color 90, 18.248, 181.607.

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



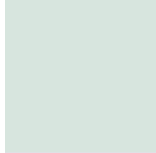


Tritanopia
90, 16.605, 235.376

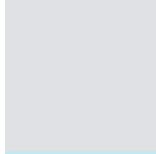
Trichromacy



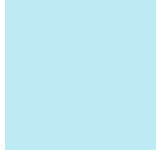
Original Color
90, 18.248, 181.607



Protanomaly
90, 6.205, 163.218

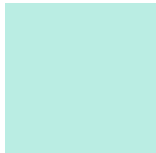


Deuteranomaly
89, 2.195, 271.571

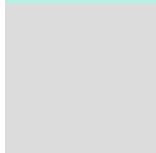


Tritanomaly
90, 15.477, 216.200

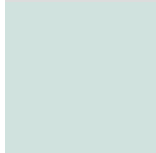
Monochromacy



Original Color
90, 18.248, 181.607



Achromatopsia
88, 0.010, 296.813



Achromatomaly
88, 6.722, 180.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.248, 181.607 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, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(186, 237, 227)  
}
```

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, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 237, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.248, 181.607 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, 237, 227) }
```

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

```
.border{ border-color:rgb(186, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(186, 237,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.248, 181.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 237, 227) }
```

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

```
.background{ background-color: rgb(186,  
237, 227) }
```

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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