

Converting Colors

CIELCh(90, 17.644, 224.139)

Have a look what the booklet for
CIELCh(90, 17.644, 224.139)
contains.

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Color

CIELCh(90, 17.585, 223.047)

Conversions

Conversions Part 1

Format	Color
Hex	B9EBF9
RGB	185, 235, 249
RGB Percent	73%, 92%, 98%
CMY	0.2759, 0.0798, 0.0249
CMYK	0.26, 0.06, 0.00, 0.02
HSL	193°, 83%, 85%
HSV	193°, 26%, 98%
XYZ	66.5750, 76.3034, 100.5503
YIQ	221.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

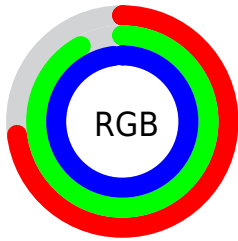
Format	Color
R _Y B	185, 213, 249
Decimal	12184569
CIE Lab	90.00, -12.85, -12.00
CIE LCh	90, 17.585, 223.047
Yxy	76.3034, 0.2735, 0.3135
Android (android.graphics.Color)	4290374649 (0xFFB9EBF9)
YUV	221.6460, 13.4855, -32.1385
Hunter-Lab	87.3518, -16.8223, -7.1022

Details

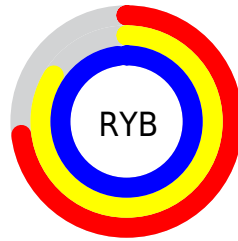
The CIELCh color `90, 17.585, 223.047` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `84, 20.915, 41.122`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.482, 199.269`, and `70, 17.725, 224.067` is the 20% darker color. If you saturate the color by 10%, you get `87, 23.529, 223.939`, and if you desaturate by 10%, it is `93, 11.089, 222.398`.

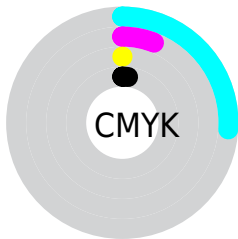
Distribution



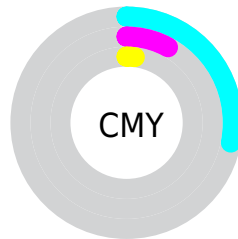
- Red (73%)
- Green (92%)
- Blue (98%)



- Red (73%)
- Yellow (84%)
- Blue (98%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (28%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 17.585, 223.047 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, 17.585, 223.047 by changing the saturation by 10% instead.

■ 90, 17.585,
223.047

■ 90, 17.585,
223.047

■ 100, 17.585,
223.047

■ 80, 17.585,
223.047

■ 70, 17.585,
223.047

■ 60, 17.585,
223.047

■ 50, 17.585,
223.047

■ 40, 17.585,
223.047

■ 30, 17.585,
223.047

■ 20, 17.585,

223.047

■ 10, 17.585,
223.047

■ 0, 17.585, 223.047

■ 90, 17.585,
223.047

■ 90, 17.585,
223.047

■ 87, 23.529,
223.939

■ 93, 11.089,
222.398

■ 85, 28.811,
225.149

■ 96, 4.147, 222.019

■ 99, 1.831, 59.083

■ 82, 33.334,
226.743

■ 100, 3.212,
109.914

■ 80, 37.022,
228.810

■ 78, 39.854,
231.441

■ 76, 41.879,
234.716

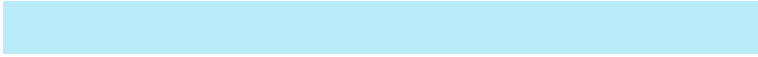
■ 74, 43.245,
238.670

■ 73, 43.736,
240.488

Harmonies

Complementary

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



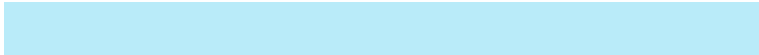
90, 17.585, 223.047



84, 20.915, 41.122

Rectangle

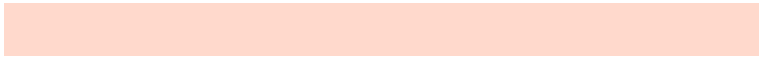
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



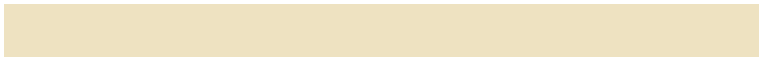
90, 17.585, 223.047



90, 17.585, 273.047



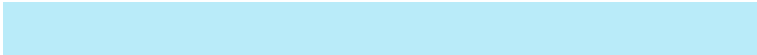
90, 17.585, 43.047



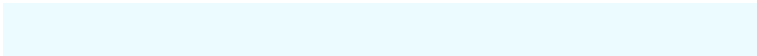
90, 17.585, 93.047

Sweetspot

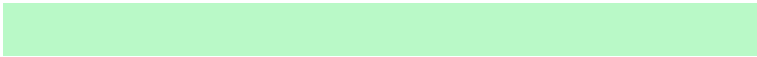
The Sweet Spot groups the original color and five complimentary colors.



90, 17.585, 223.041



97, 5.872, 222.070



93, 34.576, 149.190



52, 4.158, 222.119



0, 0.000, 0.000



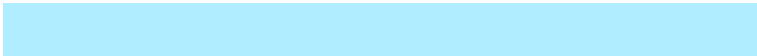
53, 0.007, 296.813

Same Dimension

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



90, 17.585, 223.041



91, 21.217, 223.483



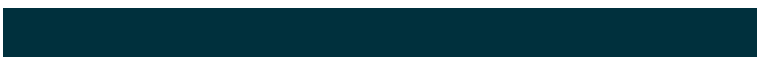
82, 24.839, 278.688



51, 4.090, 222.119



57, 35.449, 239.690



18, 15.793, 233.693

Inverse Universe

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



82, 34.702, 332.876



81, 42.615, 333.250



92, 24.615, 91.690



49, 7.651, 331.766



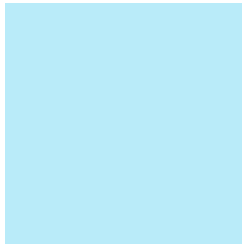
43, 77.819, 339.337



11, 35.933, 337.639

Previews

White Background



This preview shows how the CIE LCh color 90, 17.585, 223.047 looks on a white background.

Color Contrast Check

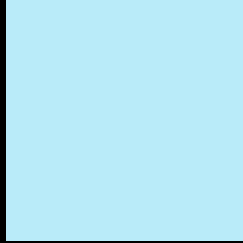
Large Text (above 18pt) WCAG AA × Fail

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, 17.585, 223.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

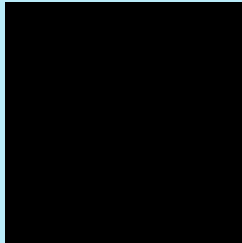
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 17.585, 223.047

Background



This preview shows how black text looks on a background with the CIELCh color 90, 17.585, 223.047.



This preview shows how white text looks on a background with the CIELCh color 90, 17.585, 223.047.

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](#).

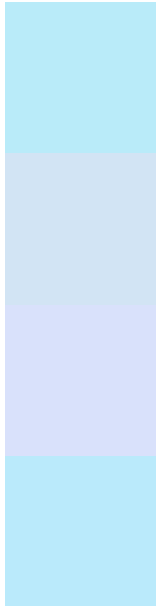
Dichromacy





Tritanopia
90, 18.081, 231.864

Trichromacy



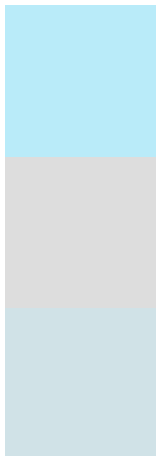
Original Color
90, 17.585, 223.047

Protanomaly
90, 10.198, 254.059

Deuteranomaly
90, 13.736, 279.949

Tritanomaly
90, 17.629, 228.798

Monochromacy



Original Color
90, 17.585, 223.047

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 6.718, 221.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 17.585, 223.047 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(185, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(185, 235, 249)  
}
```

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(185, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 235, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 17.585, 223.047 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(185, 235, 249) }
```

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

```
.border{ border-color:rgb(185, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(185, 235,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 17.585, 223.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 235, 249) }
```

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

```
.background{ background-color: rgb(185,  
235, 249) }
```

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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