

Converting Colors

CIELCh(90, 19.264, 224.091)

Have a look what the booklet for
CIELCh(90, 19.264, 224.091)
contains.

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Color

CIELCh(90, 19.262, 224.139)

Conversions

Conversions Part 1

Format	Color
Hex	B4EBFB
RGB	180, 235, 251
RGB Percent	71%, 92%, 98%
CMY	0.2930, 0.0773, 0.0145
CMYK	0.28, 0.06, 0.00, 0.01
HSL	194°, 91%, 85%
HSV	194°, 28%, 99%
XYZ	66.1385, 76.3034, 102.7509
YIQ	220.3790, -37.9160, -6.6840

Conversions

Conversions Part 2

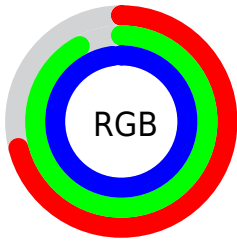
Format	Color
RYB	180, 211, 251
Decimal	11856891
CIELab	90.00, -13.82, -13.41
CIELCh	90, 19.262, 224.139
Yxy	76.3034, 0.2697, 0.3112
Android (android.graphics.Color)	4290046971 (0xFFB4EBFB)
YUV	220.3790, 15.0962, -35.4124
Hunter-Lab	87.3518, -17.7141, -8.5959

Details

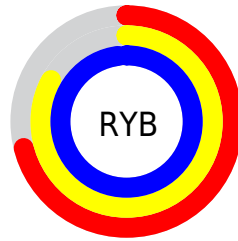
The CIELCh color **90, 19.262, 224.139** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 23.330, 41.806**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **70, 19.206, 223.688** is the 20% darker color. If you saturate the color by 10%, you get **87, 25.096, 225.153**, and if you desaturate by 10%, it is **93, 12.850, 223.389**.

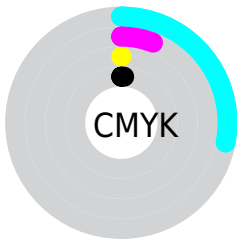
Distribution



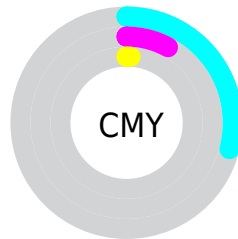
- Red (71%)
- Green (92%)
- Blue (98%)



- Red (71%)
- Yellow (83%)
- Blue (98%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (29%)
- Magenta (8%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 19.262, 224.139 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, 19.262, 224.139 by changing the saturation by 10% instead.


 90, 19.262,
224.139


 90, 19.262,
224.139


 100, 19.262,
224.139


 80, 19.262,
224.139


 70, 19.262,
224.139

 60, 19.262,
224.139

 50, 19.262,
224.139

 40, 19.262,
224.139

 30, 19.262,
224.139

 20, 19.262,

224.139

■ 10, 19.262,
224.139

■ 0, 19.262, 224.139

■ 90, 19.262,
224.139

■ 90, 19.262,
224.139

■ 87, 25.096,
225.153

■ 93, 12.850,
223.389

■ 84, 30.246,
226.509

■ 96, 5.969, 222.892

■ 82, 34.617,
228.282

■ 99, 1.068, 46.757

■ 100, 1.868,
109.997

■ 80, 38.150,
230.562

■ 78, 40.839,
233.442

■ 76, 42.763,
236.993

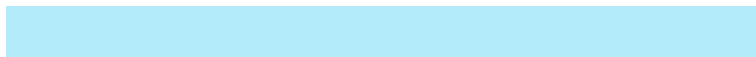
■ 74, 44.116,
241.205

■ 73, 44.341,
241.963

Harmonies

Complementary

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



90, 19.262, 224.139



84, 23.330, 41.806

Rectangle

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



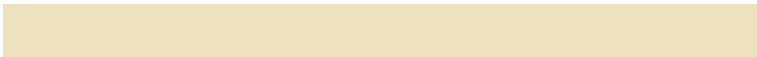
90, 19.262, 224.139



90, 19.262, 274.139



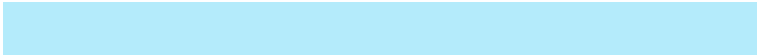
90, 19.262, 44.139



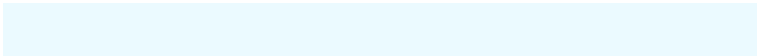
90, 19.262, 94.139

Sweetspot

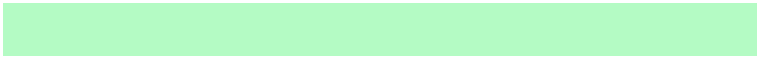
The Sweet Spot groups the original color and five complimentary colors.



90, 19.262, 224.134



97, 5.856, 222.883



93, 38.276, 148.954



52, 4.146, 222.938



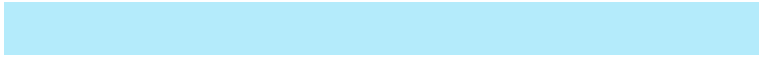
0, 0.000, 0.000



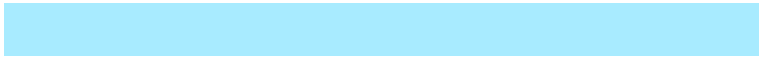
53, 0.007, 296.813

Same Dimension

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



90, 19.262, 224.134



90, 22.959, 224.685



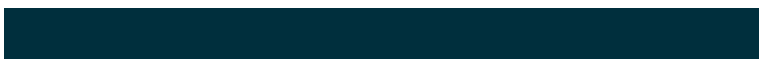
81, 27.587, 279.147



51, 4.078, 222.937



56, 35.634, 241.118



17, 15.831, 234.964

Inverse Universe

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



81, 38.243, 333.307



79, 46.453, 333.723



92, 27.307, 91.359



49, 7.615, 332.009



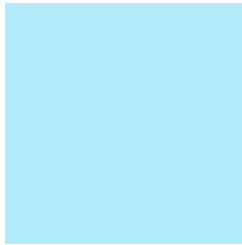
43, 77.445, 339.761



11, 35.778, 337.989

Previews

White Background



This preview shows how the CIELCh color 90, 19.262, 224.139 looks on a white background.

Color Contrast Check

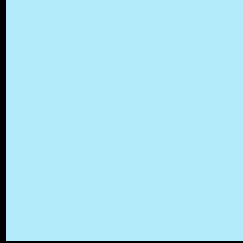
Large Text (above 18pt) WCAG AA × Fail

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, 19.262, 224.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

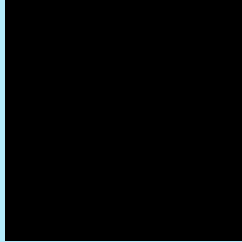
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 19.262, 224.139

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.262, 224.139.

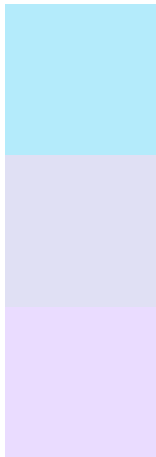


This preview shows how white text looks on a background with the CIELCh color 90, 19.262, 224.139.

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, 19.262, 224.139

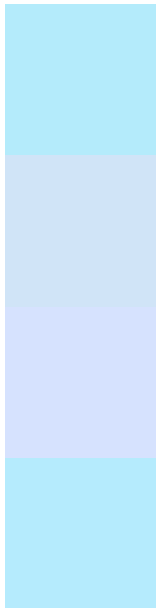
Protanopia
90, 10.412, 291.027

Deuteranopia
90, 18.920, 306.216



Tritanopia
90, 19.577, 228.933

Trichromacy



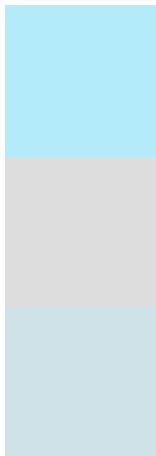
Original Color
90, 19.262, 224.139

Protanomaly
90, 11.807, 256.223

Deuteranomaly
90, 15.009, 275.860

Tritanomaly
90, 19.373, 227.496

Monochromacy



Original Color
90, 19.262, 224.139

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 7.523, 223.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.262, 224.139 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(180, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 251)  
}
```

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(180, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.262, 224.139 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(180, 235, 251) }
```

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

```
.border{ border-color:rgb(180, 235, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.262, 224.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 251) }
```

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

```
.background{ background-color: rgb(180,  
235, 251) }
```

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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