

Converting Colors

CIELCh(84, 13.449, 226.099)

Have a look what the booklet for
CIELCh(84, 13.449, 226.099)
contains.

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Color

CIELCh(84, 13.574, 224.069)

Conversions

Conversions Part 1

Format	Color
Hex	B3D8E3
RGB	179, 216, 227
RGB Percent	70%, 85%, 89%
CMY	0.2990, 0.1539, 0.1108
CMYK	0.21, 0.05, 0.00, 0.11
HSL	194°, 46%, 80%
HSV	194°, 21%, 89%
XYZ	56.8520, 64.0658, 81.8549
YIQ	206.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

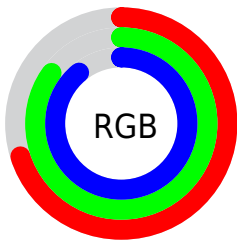
Format	Color
R _Y B	179, 200, 227
Decimal	11786467
CIE Lab	84.00, -9.75, -9.44
CIE LCh	84, 13.574, 224.069
Yxy	64.0658, 0.2804, 0.3159
Android (android.graphics.Color)	4289976547 (0xFFB3D8E3)
YUV	206.1910, 10.2588, -23.8465
Hunter-Lab	80.0411, -13.2860, -4.6048

Details

The CIELCh color `84, 13.574, 224.069` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `80, 15.570, 42.281`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `64, 13.727, 225.164` is the 20% darker color. If you saturate the color by 10%, you get `81, 19.333, 224.897`, and if you desaturate by 10%, it is `87, 7.362, 223.473`.

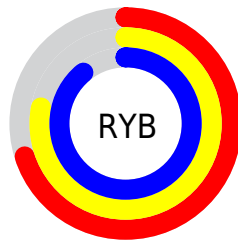
Distribution



Red (70%)

Green (85%)

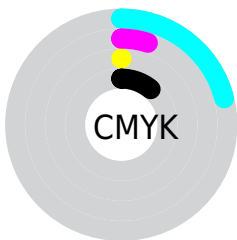
Blue (89%)



Red (70%)

Yellow (78%)

Blue (89%)

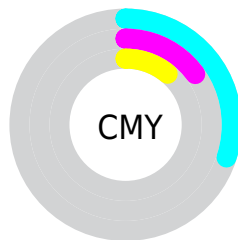


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (30%)


Magenta (15%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 13.574, 224.069 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 84, 13.574, 224.069 by changing the saturation by 10% instead.


 84, 13.574,
224.069


 84, 13.574,
224.069


 100, 13.574,
224.069


 74, 13.574,
224.069

 64, 13.574,
224.069

 54, 13.574,
224.069

 44, 13.574,
224.069

 34, 13.574,
224.069

 24, 13.574,
224.069

 14, 13.574,

224.069

■ 4, 13.574, 224.069

■ 0, 13.574, 224.069

■ 84, 13.574,
224.069

■ 84, 13.574,
224.069

■ 81, 19.333,
224.897

■ 87, 7.362, 223.473

■ 79, 24.541,
226.021

■ 90, 0.788, 223.688

■ 93, 6.065, 42.531

■ 76, 29.103,
227.503

■ 95, 8.387, 56.299

■ 74, 32.942,
229.425

■ 96, 9.037, 77.164

■ 97, 10.666, 93.341

■ 72, 36.014,

231.880

99, 12.899,
104.516

70, 38.334,
234.954

99, 14.298,
109.097

68, 39.995,
238.708

67, 41.118,
242.497

Harmonies

Complementary

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



84, 13.574, 224.069



80, 15.570, 42.281

Rectangle

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



84, 13.574, 224.069



84, 13.574, 274.069



84, 13.574, 44.069



84, 13.574, 94.069

Sweetspot

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



84, 13.574, 224.062



98, 4.406, 223.289



86, 26.386, 149.602



52, 2.918, 223.305



0, 0.000, 0.000



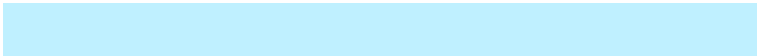
53, 0.007, 296.813

Same Dimension

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



84, 13.574, 224.062



92, 17.415, 224.364



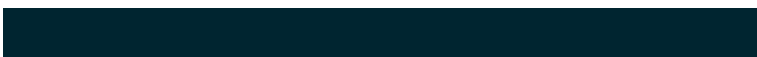
78, 18.859, 277.890



46, 3.729, 223.398



53, 33.904, 241.680



13, 13.611, 233.635

Inverse Universe

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



78, 26.280, 332.942



84, 34.161, 333.222



86, 18.723, 92.294



44, 6.951, 332.140



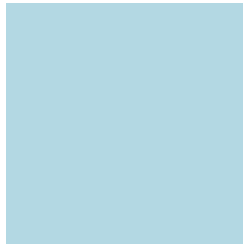
40, 73.384, 339.930



7, 30.771, 337.619

Previews

White Background



This preview shows how the CIELCh color 84, 13.574, 224.069 looks on a white background.

Color Contrast Check

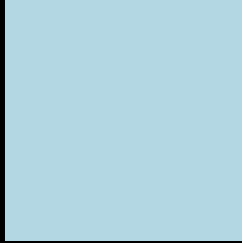
Large Text (above 18pt) WCAG AA × Fail

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 84, 13.574, 224.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

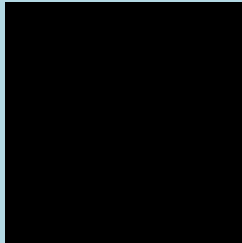
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 13.574, 224.069

Background



This preview shows how black text looks on a background with the CIELCh color 84, 13.574, 224.069.



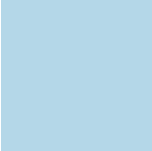
This preview shows how white text looks on a background with the CIELCh color 84, 13.574, 224.069.

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](#).

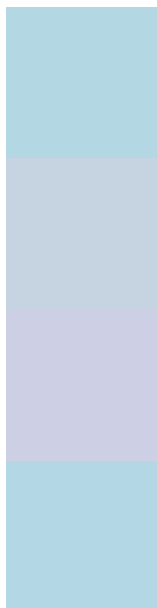
Dichromacy





Tritanopia
84, 14.481, 237.212

Trichromacy



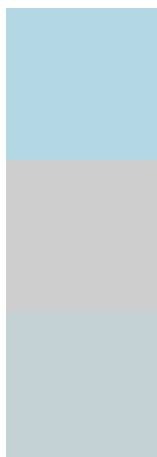
Original Color
84, 13.574, 224.069

Protanomaly
84, 8.123, 257.010

Deuteranomaly
84, 10.591, 285.447

Tritanomaly
84, 13.929, 233.523

Monochromacy



Original Color
84, 13.574, 224.069

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.343, 222.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 13.574, 224.069 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(179, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 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(179, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 13.574, 224.069 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(179, 216, 227) }
```

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

```
.border{ border-color:rgb(179, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(179, 216,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 13.574, 224.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 227) }
```

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

```
.background{ background-color: rgb(179,  
216, 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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