

Converting Colors

CIELCh(84, 15.795, 238.331)

Have a look what the booklet for
CIELCh(84, 15.795, 238.331)
contains.

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Color

CIELCh(84, 15.795, 238.331)

Conversions

Conversions Part 1

Format	Color
Hex	B1D7EA
RGB	177, 215, 234
RGB Percent	69%, 84%, 92%
CMY	0.3049, 0.1558, 0.0813
CMYK	0.24, 0.08, 0.00, 0.08
HSL	200°, 58%, 81%
HSV	200°, 24%, 92%
XYZ	57.4453, 64.0658, 87.3787
YIQ	205.8040, -28.7470, -2.1470

Conversions

Conversions Part 2

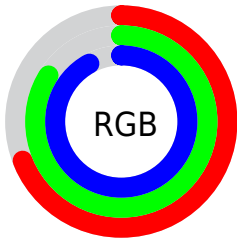
Format	Color
RYB	177, 200, 234
Decimal	11655146
CIELab	84.00, -8.29, -13.44
CIELCh	84, 15.795, 238.331
Yxy	64.0658, 0.2750, 0.3067
Android (android.graphics.Color)	4289845226 (0xFFB1D7EA)
YUV	205.8040, 13.9006, -25.2611
Hunter-Lab	80.0411, -11.9629, -8.6966

Details

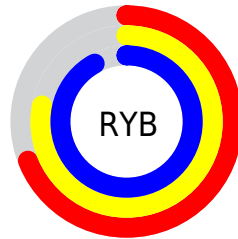
The CIELCh color $84, 15.795, 238.331$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $82, 18.045, 53.817$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 7.521, 199.018$, and $64, 15.771, 238.381$ is the 20% darker color. If you saturate the color by 10%, you get $81, 21.707, 239.867$, and if you desaturate by 10%, it is $88, 9.513, 237.108$.

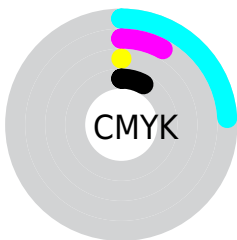
Distribution



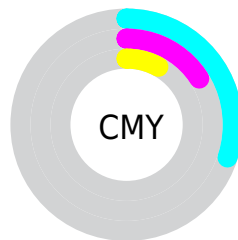
- Red (69%)
- Green (84%)
- Blue (92%)



- Red (69%)
- Yellow (78%)
- Blue (92%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)





- Cyan (30%)
- Magenta (16%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 15.795, 238.331 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, 15.795, 238.331 by changing the saturation by 10% instead.


 84, 15.795,
238.331


 84, 15.795,
238.331


 100, 15.795,
238.331


 74, 15.795,
238.331

 64, 15.795,
238.331

 54, 15.795,
238.331

 44, 15.795,
238.331

 34, 15.795,
238.331

 24, 15.795,
238.331

 14, 15.795,

238.331

■ 4, 15.795, 238.331

■ 0, 15.795, 238.331

■ 84, 15.795,
238.331

■ 84, 15.795,
238.331

■ 81, 21.707,
239.867

■ 88, 9.513, 237.108

■ 77, 27.179,
241.802

■ 91, 2.933, 236.245

■ 95, 3.879, 55.121

■ 74, 32.151,
244.213

■ 97, 6.920, 83.403

■ 71, 36.591,
247.190

■ 99, 10.150,
107.996

■ 68, 40.514,

■ 100, 10.496,

250.809

109.383

■ 65, 44.003,
255.104

■ 63, 47.218,
260.017

■ 61, 49.038,
262.922

Harmonies

Complementary

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



84, 15.795, 238.331



82, 18.045, 53.817

Rectangle

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



84, 15.795, 238.331



84, 15.795, 288.331



84, 15.795, 58.331



84, 15.795, 108.331

Sweetspot

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



84, 15.794, 238.325



97, 5.047, 236.421



88, 28.903, 153.046



52, 3.276, 236.469



0, 0.000, 0.000



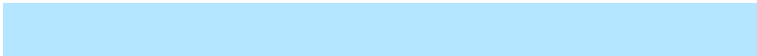
53, 0.007, 296.813

Same Dimension

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



84, 15.794, 238.325



89, 19.921, 239.021



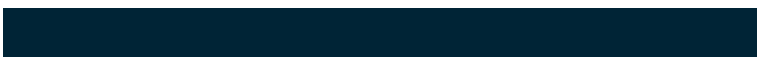
77, 25.166, 284.654



47, 3.811, 236.627



48, 40.030, 261.986



13, 15.830, 253.108

Inverse Universe

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



78, 28.878, 337.468



82, 36.875, 337.868



89, 24.404, 98.587



46, 6.693, 336.301



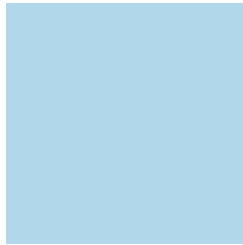
40, 69.962, 347.377



8, 30.881, 343.734

Previews

White Background



This preview shows how the CIE LCh color 84, 15.795, 238.331 looks on a white background.

Color Contrast Check

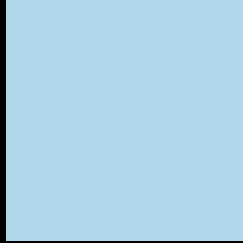
Large Text (above 18pt) WCAG AA × Fail

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, 15.795, 238.331 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, 15.795, 238.331

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.795, 238.331.



This preview shows how white text looks on a background with the CIELCh color 84, 15.795, 238.331.

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



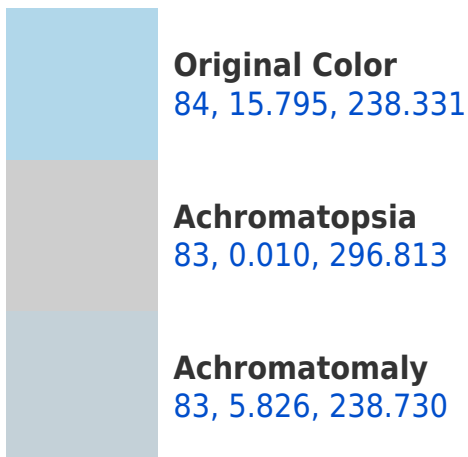


Tritanopia
84, 15.471, 234.274

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.795, 238.331 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(177, 215, 234)` looks like.

```
.text, #text, p{  
    color:rgb(177, 215, 234)  
}
```

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(177, 215, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 215, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.795, 238.331 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(177, 215, 234) }
```

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

```
.border{ border-color:rgb(177, 215, 234) }
```

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

Here you see how a box with a 4 pixel rgb(177, 215, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(177, 215,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.795, 238.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 215, 234) }
```

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

```
.background{ background-color: rgb(177,  
215, 234) }
```

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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