

Converting Colors

CIELCh(83, 15.621, 249.747)

Have a look what the booklet for
CIELCh(83, 15.621, 249.747)
contains.

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Color

CIELCh(83, 15.659, 250.158)

Conversions

Conversions Part 1

Format	Color
Hex	B4D3EA
RGB	180, 211, 234
RGB Percent	71%, 83%, 92%
CMY	0.2945, 0.1729, 0.0828
CMYK	0.23, 0.10, 0.00, 0.08
HSL	206°, 56%, 81%
HSV	206°, 23%, 92%
XYZ	56.9036, 62.1629, 86.7627
YIQ	204.3530, -25.8590, 0.5810

Conversions

Conversions Part 2

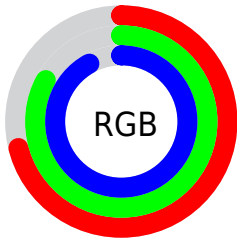
Format	Color
R _Y B	180, 200, 234
Decimal	11850730
CIE Lab	83.00, -5.32, -14.73
CIE LCh	83, 15.659, 250.158
Yxy	62.1629, 0.2765, 0.3020
Android (android.graphics.Color)	4290040810 (0xFFB4D3EA)
YUV	204.3530, 14.6160, -21.3576
Hunter-Lab	78.8435, -9.1475, -10.0548

Details

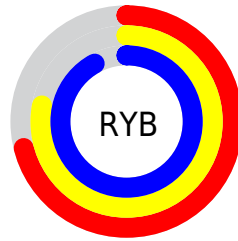
The CIELCh color $83, 15.659, 250.158$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $84, 17.162, 64.453$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 6.515, 199.095$, and $63, 15.503, 248.343$ is the 20% darker color. If you saturate the color by 10%, you get $79, 22.100, 251.989$, and if you desaturate by 10%, it is $87, 8.992, 248.651$.

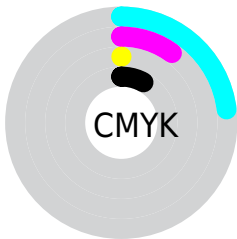
Distribution



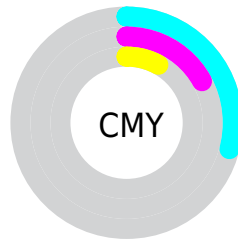
- Red (71%)
- Green (83%)
- Blue (92%)



- Red (71%)
- Yellow (78%)
- Blue (92%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 15.659, 250.158 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 83, 15.659, 250.158 by changing the saturation by 10% instead.

■ 83, 15.659,
250.158

■ 83, 15.659,
250.158

■ 100, 15.659,
250.158

■ 73, 15.659,
250.158

■ 63, 15.659,
250.158

■ 53, 15.659,
250.158

■ 43, 15.659,
250.158

■ 33, 15.659,
250.158

■ 23, 15.659,
250.158

■ 13, 15.659,

250.158

■ 3, 15.659, 250.158

■ 0, 15.659, 250.158

■ 83, 15.659,
250.158

■ 83, 15.659,
250.158

■ 79, 22.100,
251.989

■ 87, 8.992, 248.651

■ 75, 28.274,
254.222

■ 91, 2.148, 247.558

■ 96, 4.830, 66.183

■ 71, 34.151,
256.923

■ 98, 8.678, 99.340

■ 67, 39.725,
260.159

■ 100, 10.682,
109.369

■ 64, 45.038,

263.973

■ 60, 50.183,
268.347

■ 57, 55.304,
273.171

■ 55, 58.942,
276.575

Harmonies

Complementary

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



83, 15.659, 250.158



84, 17.162, 64.453

Rectangle

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



83, 15.659, 250.158



83, 15.659, 300.158



83, 15.659, 70.158



83, 15.659, 120.158

Sweetspot

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



83, 15.658, 250.153



97, 5.196, 247.904



88, 25.368, 157.473



51, 3.374, 247.972



0, 0.000, 0.000



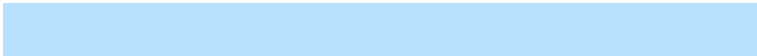
53, 0.007, 296.813

Same Dimension

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



83, 15.658, 250.153



87, 20.219, 251.034



76, 26.677, 289.448



47, 3.930, 248.187



43, 47.962, 275.694



11, 18.137, 266.927

Inverse Universe

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



79, 25.690, 341.763



82, 33.478, 342.244



90, 25.516, 104.180



46, 6.270, 340.561



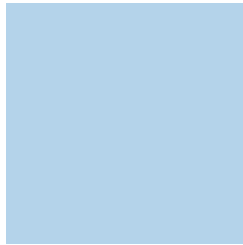
39, 66.879, 355.107



8, 29.456, 349.798

Previews

White Background



This preview shows how the CIELCh color 83, 15.659, 250.158 looks on a white background.

Color Contrast Check

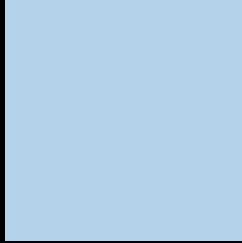
Large Text (above 18pt) WCAG AA × Fail

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 83, 15.659, 250.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

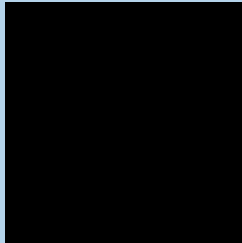
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

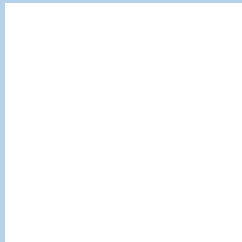
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 15.659, 250.158

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.659, 250.158.



This preview shows how white text looks on a background with the CIELCh color 83, 15.659, 250.158.

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

83, 15.659, 250.158

Protanopia

83, 13.235, 288.339

Deuteranopia

83, 18.994, 303.231



Tritanopia
83, 14.018, 238.878

Trichromacy



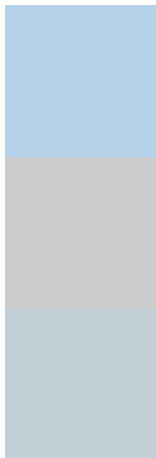
Original Color
83, 15.659, 250.158

Protanomaly
83, 13.237, 273.292

Deuteranomaly
83, 15.930, 285.431

Tritanomaly
83, 14.651, 242.327

Monochromacy



Original Color
83, 15.659, 250.158

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.922, 245.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.659, 250.158 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, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(180, 211, 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(180, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 211, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.659, 250.158 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, 211, 234) }
```

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

```
.border{ border-color:rgb(180, 211, 234) }
```

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

Here you see how a box with a 4 pixel rgb(180, 211, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(180, 211,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.659, 250.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 211, 234) }
```

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

```
.background{ background-color: rgb(180,  
211, 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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