

Converting Colors

CIELCh(87, 15.015, 191.164)

Have a look what the booklet for
CIELCh(87, 15.015, 191.164)
contains.

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Color

CIELCh(87, 14.820, 192.304)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2DF
RGB	183, 226, 223
RGB Percent	72%, 89%, 87%
CMY	0.2812, 0.1125, 0.1243
CMYK	0.19, 0.00, 0.01, 0.11
HSL	176°, 43%, 80%
HSV	176°, 19%, 89%
XYZ	60.2386, 70.0064, 80.3645
YIQ	212.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

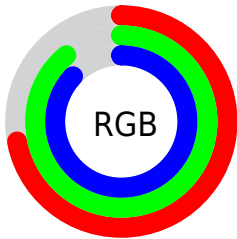
Format	Color
RYB	183, 205, 226
Decimal	12051167
CIELab	87.00, -14.48, -3.16
CIELCh	87, 14.820, 192.304
Yxy	70.0064, 0.2860, 0.3324
Android (android.graphics.Color)	4290241247 (0xFFB7E2DF)
YUV	212.8010, 5.0281, -26.1355
Hunter-Lab	83.6698, -17.9099, 1.6211

Details

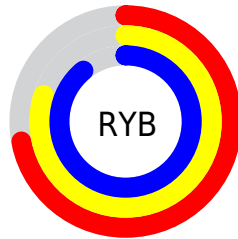
The CIELCh color **87, 14.820, 192.304** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 16.516, 15.241**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **67, 15.037, 191.790** is the 20% darker color. If you saturate the color by 10%, you get **86, 21.945, 191.577**, and if you desaturate by 10%, it is **88, 7.192, 193.052**.

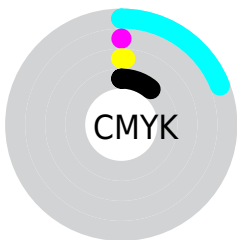
Distribution



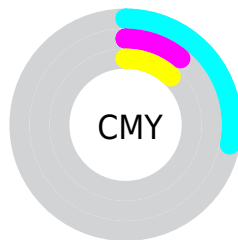
- Red (72%)
- Green (89%)
- Blue (87%)



- Red (72%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 14.820, 192.304 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 87, 14.820, 192.304 by changing the saturation by 10% instead.


 87, 14.820,
192.304


 87, 14.820,
192.304


 100, 14.820,
192.304


 77, 14.820,
192.304

 67, 14.820,
192.304

 57, 14.820,
192.304

 47, 14.820,
192.304

 37, 14.820,
192.304


 27, 14.820,
192.304


 17, 14.820,


192.304

 7, 14.820, 192.304


 0, 14.820, 192.304

 87, 14.820,
192.304

 87, 14.820,
192.304


 86, 21.945,
191.577

 88, 7.192, 193.052


 85, 28.429,
190.865

 90, 0.812, 12.953

 92, 9.079, 14.336

 84, 34.141,
190.153

 92, 10.556, 10.813

 83, 38.965,
189.432

 92, 10.695, 6.507

 92, 10.895, 2.337

 82, 42.821,

188.693

92, 11.152,
358.340

82, 45.675,
187.919

93, 11.462,
354.545

82, 47.563,
187.095

93, 11.821,
350.968

81, 48.644,
186.215

81, 48.735,
186.127

Harmonies

Complementary

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



87, 14.820, 192.304



78, 16.516, 15.241

Rectangle

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



87, 14.820, 192.304



87, 14.820, 242.304



87, 14.820, 12.304



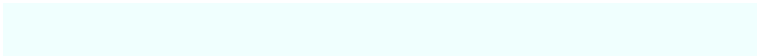
87, 14.820, 62.304

Sweetspot

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



87, 14.821, 192.298



99, 5.311, 193.304



86, 26.823, 141.105



53, 3.518, 193.245



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 14.821, 192.298



96, 19.529, 191.997



82, 12.550, 248.360



46, 4.500, 193.018



65, 40.330, 186.285



17, 16.379, 187.844

Inverse Universe

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



78, 16.516, 15.241



85, 22.330, 15.708



83, 13.550, 63.844



44, 4.740, 14.286



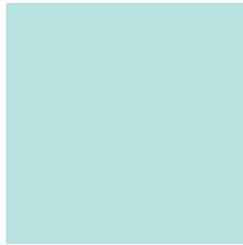
36, 76.227, 37.112



6, 25.392, 18.000

Previews

White Background



This preview shows how the CIE LCh color 87, 14.820, 192.304 looks on a white background.

Color Contrast Check

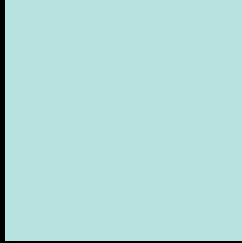
Large Text (above 18pt) WCAG AA × Fail

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 87, 14.820, 192.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

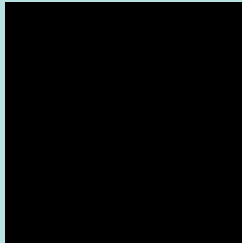
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

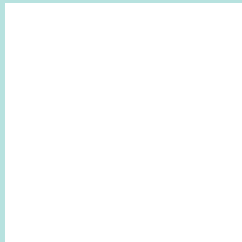
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 14.820, 192.304

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.820, 192.304.



This preview shows how white text looks on a background with the CIELCh color 87, 14.820, 192.304.

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](#).

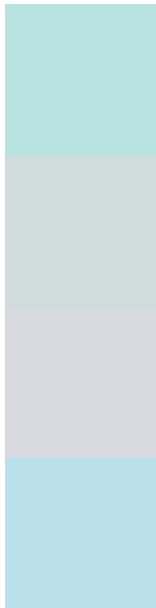
Dichromacy





Tritanopia
87, 14.901, 235.595

Trichromacy



Original Color
87, 14.820, 192.304

Protanomaly
87, 4.648, 192.727

Deuteranomaly
87, 4.205, 285.717

Tritanomaly
87, 13.916, 220.821

Monochromacy



Original Color
87, 14.820, 192.304

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 5.698, 193.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.820, 192.304 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(183, 226, 223)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 223)  
}
```

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(183, 226, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.820, 192.304 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(183, 226, 223) }
```

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

```
.border{ border-color:rgb(183, 226, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 223);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.820, 192.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 223) }
```

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

```
.background{ background-color: rgb(183,  
226, 223) }
```

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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