

Converting Colors

CIELCh(87, 15.671, 189.193)

Have a look what the booklet for
CIELCh(87, 15.671, 189.193)
contains.

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Color

CIELCh(87, 15.677, 188.704)

Conversions

Conversions Part 1	
Format	Color
Hex	B6E3DE
RGB	182, 227, 222
RGB Percent	71%, 89%, 87%
CMY	0.2871, 0.1106, 0.1302
CMYK	0.20, 0.00, 0.02, 0.11
HSL	173°, 44%, 80%
HSV	173°, 20%, 89%
XYZ	59.8118, 70.0064, 79.3210
YIQ	212.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

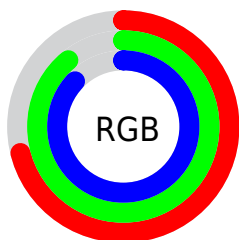
Format	Color
RYB	182, 206, 227
Decimal	11985886
CIELab	87.00, -15.50, -2.37
CIELCh	87, 15.677, 188.704
Yxy	70.0064, 0.2860, 0.3347
Android (android.graphics.Color)	4290175966 (0xFFB6E3DE)
YUV	212.9750, 4.4493, -27.1651
Hunter-Lab	83.6698, -18.8206, 2.3606

Details

The CIELCh color **87, 15.677, 188.704** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 17.375, 12.090**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **67, 15.937, 188.048** is the 20% darker color. If you saturate the color by 10%, you get **86, 22.933, 187.865**, and if you desaturate by 10%, it is **89, 7.946, 189.539**.

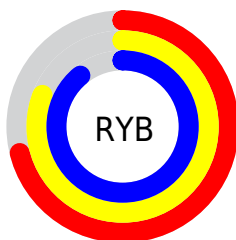
Distribution



Red (71%)

Green (89%)

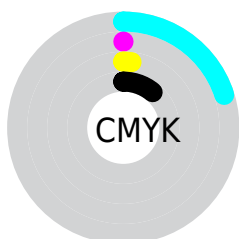
Blue (87%)



Red (71%)

Yellow (81%)

Blue (89%)

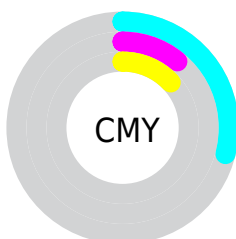


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (11%)



Cyan (29%)

Magenta (11%)


Yellow (13%)


Brightness & Saturation


Gradients


These gradients show how the CIELCh color 87, 15.677, 188.704 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, 15.677, 188.704 by changing the saturation by 10% instead.


 87, 15.677,
188.704


 87, 15.677,
188.704


 100, 15.677,
188.704


 77, 15.677,
188.704

 67, 15.677,
188.704

 57, 15.677,
188.704

 47, 15.677,
188.704

 37, 15.677,
188.704


 27, 15.677,
188.704


 17, 15.677,


188.704

 7, 15.677, 188.704


 0, 15.677, 188.704

 87, 15.677,
188.704

 87, 15.677,
188.704


 86, 22.933,
187.865

 89, 7.946, 189.539


 85, 29.573,
187.013


 90, 0.135, 5.898

 92, 8.448, 10.963

 84, 35.462,
186.130

 93, 10.538, 5.763

 83, 40.481,
185.202


 93, 10.902,
359.130

 82, 44.545,


 93, 11.405,


184.212


353.012


 82, 47.619,
183.140


 93, 12.030,
347.478

 81, 49.738,
181.968

 93, 12.760,
342.545

 81, 51.090,
180.700

 93, 13.577,
338.187

 81, 51.109,
180.680

Harmonies

Complementary

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



87, 15.677, 188.704



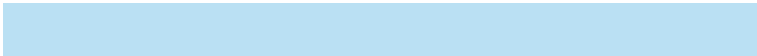
78, 17.375, 12.090

Rectangle

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



87, 15.677, 188.704



87, 15.677, 238.704



87, 15.677, 8.704



87, 15.677, 58.704

Sweetspot

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



87, 15.678, 188.699



99, 5.364, 189.887



86, 27.756, 140.159



53, 3.554, 189.823



0, 0.000, 0.000



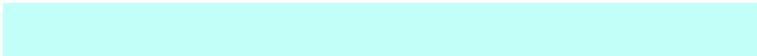
53, 0.007, 296.813

Same Dimension

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



87, 15.678, 188.699



96, 20.624, 188.340



83, 12.883, 244.270



46, 4.549, 189.574



65, 42.186, 180.912



17, 16.981, 183.207

Inverse Universe

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



78, 17.375, 12.090



84, 23.421, 12.611



82, 14.112, 59.932



44, 4.770, 10.980



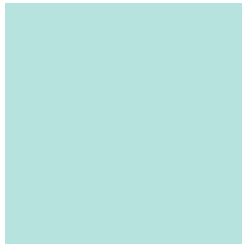
37, 74.422, 35.085



6, 25.333, 16.250

Previews

White Background



This preview shows how the CIELCh color 87, 15.677, 188.704 looks on a white background.

Color Contrast Check

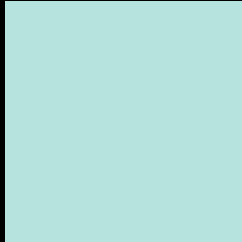
Large Text (above 18pt) WCAG AA × Fail

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, 15.677, 188.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

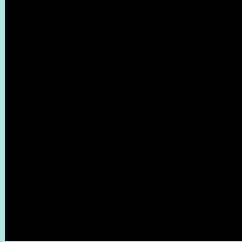
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

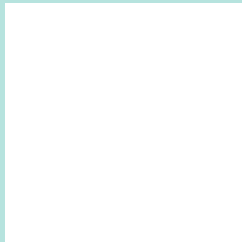
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 15.677, 188.704

Background



This preview shows how black text looks on a background with the CIELCh color 87, 15.677, 188.704.

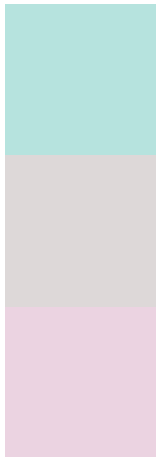


This preview shows how white text looks on a background with the CIELCh color 87, 15.677, 188.704.

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

87, 15.677, 188.704

Protanopia

87, 1.809, 19.213


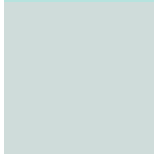
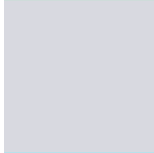
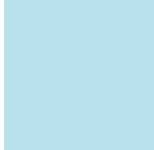
Deuteranopia

87, 11.368, 340.175

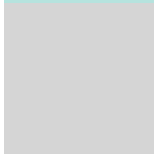
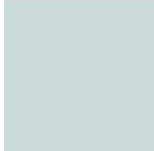


Tritanopia
87, 15.427, 236.575

Trichromacy

	Original Color 87, 15.677, 188.704
	Protanomaly 87, 4.752, 186.452
	Deuteranomaly 87, 3.684, 284.981
	Tritanomaly 87, 14.499, 219.850

Monochromacy

	Original Color 87, 15.677, 188.704
	Achromatopsia 85, 0.010, 296.813
	Achromatomaly 86, 5.789, 188.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 15.677, 188.704 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(182, 227, 222)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 222)  
}
```

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(182, 227, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 15.677, 188.704 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(182, 227, 222) }
```

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

```
.border{ border-color:rgb(182, 227, 222) }
```

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

Here you see how a box with a 4 pixel rgb(182, 227, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 222);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 15.677, 188.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 222) }
```

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

```
.background{ background-color: rgb(182,  
227, 222) }
```

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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