

Converting Colors

CIELCh(87, 8.670, 170.593)

Have a look what the booklet for
CIELCh(87, 8.670, 170.593) contains.

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Color

CIELCh(87, 8.923, 170.859)

Conversions

Conversions Part 1

Format	Color
Hex	C9DFD7
RGB	201, 223, 215
RGB Percent	79%, 87%, 84%
CMY	0.2123, 0.1260, 0.1574
CMYK	0.10, 0.00, 0.04, 0.13
HSL	158°, 26%, 83%
HSV	158°, 10%, 87%
XYZ	62.6560, 70.0064, 74.4142
YIQ	215.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

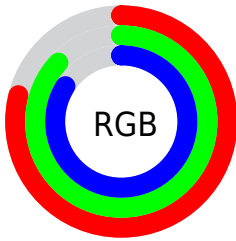
Format	Color
R _Y B	201, 214, 223
Decimal	13230039
CIE Lab	87.00, -8.81, 1.42
CIE LCh	87, 8.923, 170.859
Yxy	70.0064, 0.3026, 0.3381
Android (android.graphics.Color)	4291420119 (0xFFC9DFD7)
YUV	215.5100, -0.2514, -12.7253
Hunter-Lab	83.6698, -12.7527, 5.8376

Details

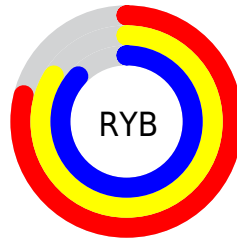
The CIELCh color `87, 8.923, 170.859` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 9.130, 352.567`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `67, 9.074, 169.522` is the 20% darker color. If you saturate the color by 10%, you get `85, 17.849, 169.838`, and if you desaturate by 10%, it is `89, 0.123, 347.686`.

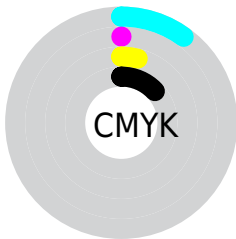
Distribution



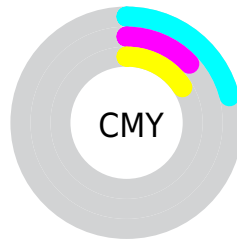
- Red (79%)
- Green (87%)
- Blue (84%)



- Red (79%)
- Yellow (84%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 8.923, 170.859 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, 8.923, 170.859 by changing the saturation by 10% instead.

87, 8.923, 170.859

87, 8.923, 170.859

100, 8.923,
170.859

77, 8.923, 170.859

67, 8.923, 170.859

57, 8.923, 170.859

47, 8.923, 170.859

37, 8.923, 170.859

27, 8.923, 170.859

17, 8.923, 170.859

7, 8.923, 170.859

0, 8.923, 170.859

87, 8.923, 170.859

87, 8.923, 170.859

85, 17.849,
169.838

89, 0.123, 347.686

84, 26.525,
168.749

91, 9.189, 352.502

83, 34.808,
167.553

92, 14.269,
344.264

82, 42.545,
166.226

92, 17.015,
332.757


81, 49.590,
164.740

92, 20.100,
325.123

80, 55.819,
163.072

79, 61.160,
161.199

79, 65.616,
159.116

 79, 69.349,
156.881

Harmonies

Complementary

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



87, 8.923, 170.859



83, 9.130, 352.567

Rectangle

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



87, 8.923, 170.859



87, 8.923, 220.859



87, 8.923, 350.859



87, 8.923, 40.859

Sweetspot

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



87, 8.925, 170.853



99, 3.028, 171.609



87, 12.592, 133.182



53, 2.296, 171.498



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, 8.925, 170.853



98, 12.089, 170.631



86, 6.809, 212.119



46, 5.163, 170.895



64, 57.763, 157.243



17, 22.063, 161.580

Inverse Universe

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



83, 9.130, 352.567



92, 12.426, 352.800



83, 7.258, 32.095



44, 5.277, 352.523



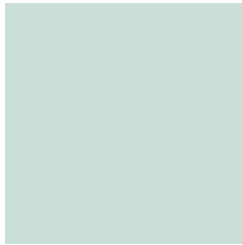
37, 64.713, 14.953



6, 25.531, 4.033

Previews

White Background



This preview shows how the CIELCh color 87, 8.923, 170.859 looks on a white background.

Color Contrast Check

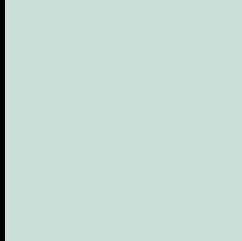
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 8.923, 170.859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

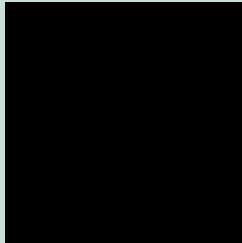
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

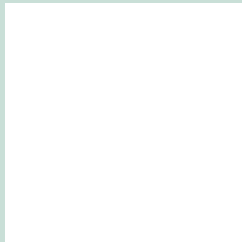
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 8.923, 170.859

Background



This preview shows how black text looks on a background with the CIELCh color 87, 8.923, 170.859.



This preview shows how white text looks on a background with the CIELCh color 87, 8.923, 170.859.

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, 10.158, 260.628

Trichromacy



Original Color
87, 8.923, 170.859

Protanomaly
87, 3.940, 131.430

Deuteranomaly
87, 3.312, 10.402

Tritanomaly
87, 7.429, 233.501

Monochromacy



Original Color
87, 8.923, 170.859

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.285, 170.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 8.923, 170.859 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(201, 223, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 215)  
}
```

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(201, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 8.923, 170.859 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(201, 223, 215) }
```

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

```
.border{ border-color:rgb(201, 223, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 223, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 223, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 223, 215); box-shadow:4px 4px 4px 4px rgb(201, 223, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 8.923, 170.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 215) }
```

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

```
.background{ background-color: rgb(201,  
223, 215) }
```

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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