

Converting Colors

CIELCh(87, 9.338, 179.254)

Have a look what the booklet for
CIELCh(87, 9.338, 179.254) contains.

CIELCh(87, 9.411, 179.279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(87, 9.411, 179.279)

Conversions

Conversions Part 1

Format	Color
Hex	C6DFD9
RGB	198, 223, 217
RGB Percent	78%, 87%, 85%
CMY	0.2224, 0.1243, 0.1478
CMYK	0.11, 0.00, 0.03, 0.12
HSL	166°, 28%, 83%
HSV	166°, 11%, 88%
XYZ	62.3970, 70.0064, 76.0727
YIQ	214.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

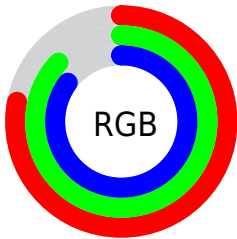
Format	Color
RYB	198, 212, 223
Decimal	13033433
CIELab	87.00, -9.41, 0.12
CIELCh	87, 9.411, 179.279
Yxy	70.0064, 0.2993, 0.3358
Android (android.graphics.Color)	4291223513 (0xFFC6DFD9)
YUV	214.8410, 1.0644, -14.7696
Hunter-Lab	83.6698, -13.3054, 4.6624

Details

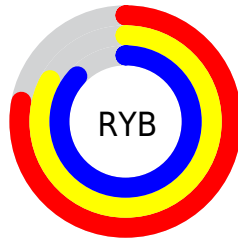
The CIELCh color **87, 9.411, 179.279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 9.790, 1.271**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 9.545, 178.261** is the 20% darker color. If you saturate the color by 10%, you get **85, 17.571, 178.270**, and if you desaturate by 10%, it is **89, 1.014, 180.667**.

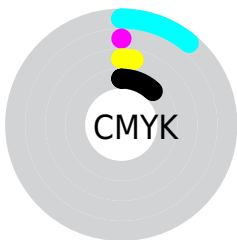
Distribution



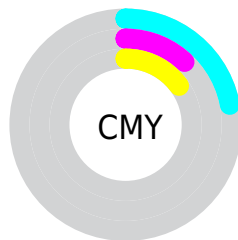
- Red (78%)
- Green (87%)
- Blue (85%)



- Red (78%)
- Yellow (83%)
- Blue (87%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 9.411, 179.279 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, 9.411, 179.279 by changing the saturation by 10% instead.

■ 87, 9.411, 179.279

■ 87, 9.411, 179.279

■ 100, 9.411,
179.279

■ 77, 9.411, 179.279

■ 67, 9.411, 179.279

■ 57, 9.411, 179.279

■ 47, 9.411, 179.279

■ 37, 9.411, 179.279

■ 27, 9.411, 179.279

■ 17, 9.411, 179.279

■ 7, 9.411, 179.279

■ 0, 9.411, 179.279

87, 9.411, 179.279

87, 9.411, 179.279

85, 17.571,
178.270

89, 1.014, 180.667

84, 25.360,
177.217

91, 7.516, 0.935

83, 32.639,
176.087

92, 12.572,
355.891

82, 39.264,
174.856

92, 13.885,
345.389

81, 45.106,
173.501

92, 15.593,
336.982

80, 50.067,
171.997

92, 17.579,
330.399

80, 54.102,
170.321

92, 19.760,
325.255

80, 57.240,
168.459

92, 19.830,
325.114

■ 80, 59.429,
166.704

Harmonies

Complementary

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



87, 9.411, 179.279



82, 9.790, 1.271

Rectangle

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



87, 9.411, 179.279



87, 9.411, 229.279



87, 9.411, 359.279



87, 9.411, 49.279

Sweetspot

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



87, 9.413, 179.271



99, 2.827, 180.181



87, 14.799, 136.806



53, 2.142, 180.063



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, 9.413, 179.271



98, 12.141, 179.083



86, 7.243, 226.100



46, 4.800, 179.447



64, 49.494, 167.053



17, 19.343, 170.810

Inverse Universe

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



82, 9.790, 1.271



91, 12.712, 1.480



84, 7.743, 44.875



44, 4.962, 1.079



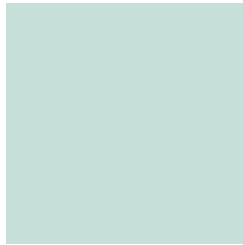
37, 68.481, 26.072



6, 25.290, 10.701

Previews

White Background



This preview shows how the CIELCh color 87, 9.411, 179.279 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, 9.411, 179.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

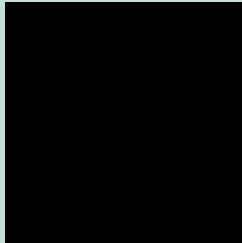
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

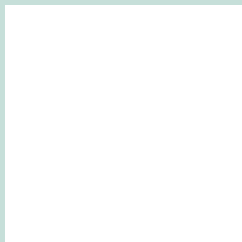
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 9.411, 179.279

Background



This preview shows how black text looks on a background with the CIELCh color 87, 9.411, 179.279.



This preview shows how white text looks on a background with the CIELCh color 87, 9.411, 179.279.

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](#).

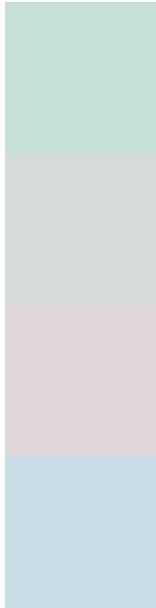
Dichromacy





Tritanopia
87, 11.099, 257.538

Trichromacy



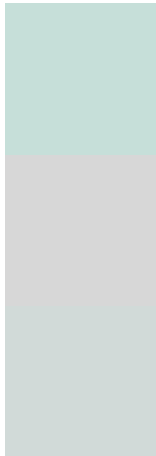
Original Color
87, 9.411, 179.279

Protanomaly
87, 3.018, 155.598

Deuteranomaly
87, 3.588, 343.821

Tritanomaly
87, 8.258, 233.955

Monochromacy



Original Color
87, 9.411, 179.279

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.395, 181.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 9.411, 179.279 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(198, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 223, 217)  
}
```

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(198, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 223, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 9.411, 179.279 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(198, 223, 217) }
```

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

```
.border{ border-color:rgb(198, 223, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 223, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 223,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 9.411, 179.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 223, 217) }
```

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

```
.background{ background-color: rgb(198,  
223, 217) }
```

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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