

Converting Colors

CIELCh(86, 7.016, 193.872)

Have a look what the booklet for
CIELCh(86, 7.016, 193.872) contains.

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Color

CIELCh(86, 7.073, 194.720)

Conversions

Conversions Part 1

Format	Color
Hex	C7DBDA
RGB	199, 219, 218
RGB Percent	78%, 86%, 85%
CMY	0.2189, 0.1405, 0.1444
CMYK	0.09, 0.00, 0.00, 0.14
HSL	177°, 22%, 82%
HSV	177°, 9%, 86%
XYZ	61.6500, 67.9871, 76.3192
YIQ	212.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

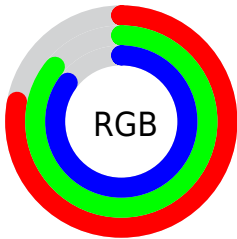
Format	Color
R_{YB}	199, 209, 219
Decimal	13097946
CIE _{Lab}	86.00, -6.84, -1.80
CIE _{LCh}	86, 7.073, 194.720
Yxy	67.9871, 0.2993, 0.3301
Android (android.graphics.Color)	4291288026 (0xFFC7DBDA)
YUV	212.9060, 2.5113, -12.1956
Hunter-Lab	82.4543, -10.8328, 2.8395

Details

The CIELCh color `86, 7.073, 194.720` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 7.454, 15.844`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 7.058, 194.332` is the 20% darker color. If you saturate the color by 10%, you get `85, 14.455, 194.005`, and if you desaturate by 10%, it is `88, 0.692, 14.452`.

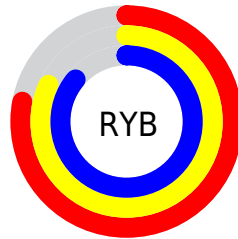
Distribution



Red (78%)

Green (86%)

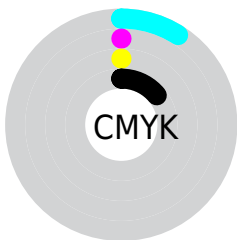
Blue (85%)



Red (78%)

Yellow (82%)

Blue (86%)

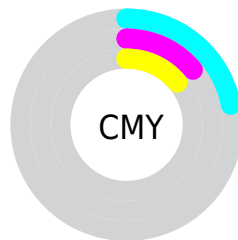


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 7.073, 194.720 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 86, 7.073, 194.720 by changing the saturation by 10% instead.

■ 86, 7.073, 194.720

■ 86, 7.073, 194.720

■ 100, 7.073,
194.720

■ 76, 7.073, 194.720

■ 66, 7.073, 194.720

■ 56, 7.073, 194.720

■ 46, 7.073, 194.720

■ 36, 7.073, 194.720

■ 26, 7.073, 194.720

■ 16, 7.073, 194.720

■ 6, 7.073, 194.720

■ 0, 7.073, 194.720

86, 7.073, 194.720

86, 7.073, 194.720

85, 14.455,
194.005

88, 0.692, 14.452

83, 21.326,
193.347

89, 8.730, 15.911

82, 27.557,
192.711

90, 13.221, 15.200

81, 33.021,
192.092

90, 13.259, 12.760

81, 37.610,
191.483

90, 13.323, 10.338

80, 41.248,
190.877

91, 13.411, 7.944

80, 43.908,
190.263

91, 13.522, 5.586

79, 45.627,
189.627

91, 13.658, 3.272

91, 13.815, 1.007

■ 79, 46.567,
188.961

Harmonies

Complementary

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



86, 7.073, 194.720



82, 7.454, 15.844

Rectangle

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



86, 7.073, 194.720



86, 7.073, 244.720



86, 7.073, 14.720



86, 7.073, 64.720

Sweetspot

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



86, 7.074, 194.707



99, 2.661, 195.279



86, 12.561, 142.172



53, 2.014, 195.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 7.074, 194.707



98, 9.596, 194.561



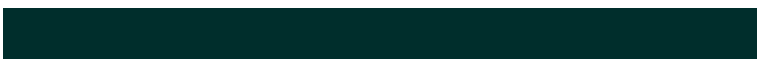
84, 6.003, 249.036



45, 4.399, 194.684



64, 39.127, 189.015



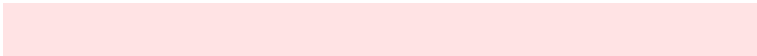
16, 15.589, 190.240

Inverse Universe

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



82, 7.454, 15.844



92, 10.229, 16.023



84, 6.192, 66.795



43, 4.643, 15.871



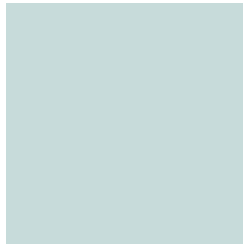
36, 76.127, 37.869



5, 23.770, 18.106

Previews

White Background



This preview shows how the CIELCh color 86, 7.073, 194.720 looks on a white background.

Color Contrast Check

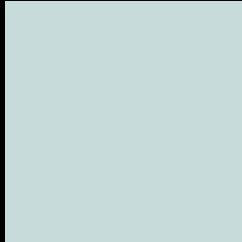
Large Text (above 18pt) WCAG AA × Fail

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 86, 7.073, 194.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

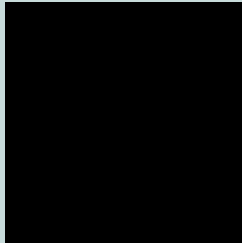
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

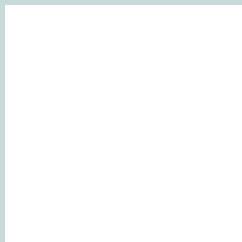
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 7.073, 194.720

Background



This preview shows how black text looks on a background with the CIELCh color 86, 7.073, 194.720.

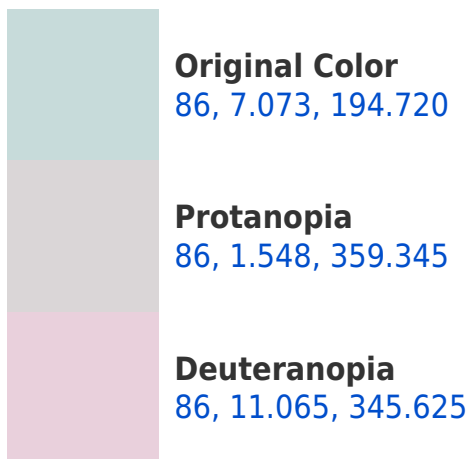


This preview shows how white text looks on a background with the CIELCh color 86, 7.073, 194.720.

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](#).

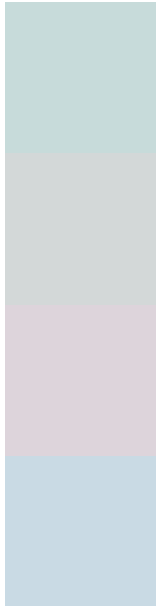
Dichromacy





Tritanopia
86, 10.182, 260.653

Trichromacy



Original Color
86, 7.073, 194.720

Protanomaly
86, 1.790, 199.603

Deuteranomaly
86, 4.931, 331.505

Tritanomaly
86, 7.790, 241.591

Monochromacy



Original Color
86, 7.073, 194.720

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.503, 199.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 7.073, 194.720 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(199, 219, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 219, 218)  
}
```

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(199, 219, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 219, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 7.073, 194.720 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(199, 219, 218) }
```

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

```
.border{ border-color:rgb(199, 219, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 219, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 219, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 219, 218); box-shadow:4px 4px 4px 4px rgb(199, 219, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 7.073, 194.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 219, 218) }
```

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

```
.background{ background-color: rgb(199,  
219, 218) }
```

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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