

Converting Colors

CIELCh(86, 16.542, 179.741)

Have a look what the booklet for
CIELCh(86, 16.542, 179.741)
contains.

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Color

CIELCh(86, 16.553, 179.732)

Conversions

Conversions Part 1

Format	Color
Hex	B3E0D6
RGB	179, 224, 214
RGB Percent	70%, 88%, 84%
CMY	0.2967, 0.1202, 0.1595
CMYK	0.20, 0.00, 0.04, 0.12
HSL	167°, 42%, 79%
HSV	167°, 20%, 88%
XYZ	57.5923, 67.9871, 73.9287
YIQ	209.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

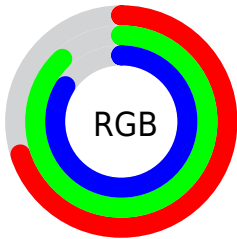
Format	Color
RYB	179, 204, 224
Decimal	11788502
CIELab	86.00, -16.55, 0.08
CIElCh	86, 16.553, 179.732
Yxy	67.9871, 0.2887, 0.3408
Android (android.graphics.Color)	4289978582 (0xFFB3E0D6)
YUV	209.4050, 2.2653, -26.6652
Hunter-Lab	82.4543, -19.6171, 4.5585

Details

The CIELCh color `86, 16.553, 179.732` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `77, 17.859, 3.609`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `66, 16.936, 178.793` is the 20% darker color. If you saturate the color by 10%, you get `85, 24.313, 178.700`, and if you desaturate by 10%, it is `88, 8.424, 180.716`.

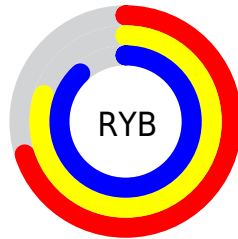
Distribution



Red (70%)

Green (88%)

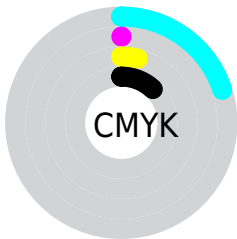
Blue (84%)



Red (70%)

Yellow (80%)

Blue (88%)

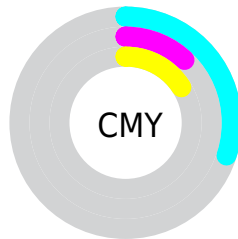


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (30%)


Magenta (12%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 16.553, 179.732 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, 16.553, 179.732 by changing the saturation by 10% instead.


 86, 16.553,
179.732


 86, 16.553,
179.732


 100, 16.553,
179.732


 76, 16.553,
179.732


 66, 16.553,
179.732

 56, 16.553,
179.732

 46, 16.553,
179.732

 36, 16.553,
179.732

 26, 16.553,
179.732

 16, 16.553,

179.732

■ 6, 16.553, 179.732

■ 0, 16.553, 179.732

■ 86, 16.553,
179.732

■ 86, 16.553,
179.732

■ 85, 24.313,
178.700

■ 88, 8.424, 180.716

■ 83, 31.560,
177.603

■ 89, 0.051, 192.444

■ 82, 38.153,
176.414

■ 91, 8.459, 2.356

■ 92, 12.191,
355.420

■ 82, 43.960,
175.113

■ 92, 13.423,
345.363

■ 81, 48.882,

173.673

92, 15.006,
337.247

80, 52.869,
172.071

92, 16.842,
330.830

80, 55.942,
170.291

93, 18.856,
325.769

80, 58.278,
168.378

93, 19.178,
325.091

Harmonies

Complementary

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



86, 16.553, 179.732



77, 17.859, 3.609

Rectangle

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



86, 16.553, 179.732



86, 16.553, 229.732



86, 16.553, 359.732



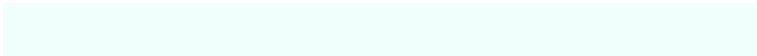
86, 16.553, 49.732

Sweetspot

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



86, 16.554, 179.728



99, 5.595, 181.129



86, 26.824, 136.845



53, 3.709, 181.058



0, 0.000, 0.000



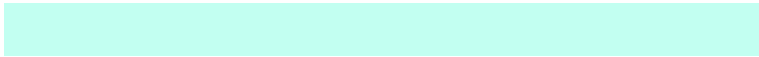
53, 0.007, 296.813

Same Dimension

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



86, 16.554, 179.728



96, 21.805, 179.313



83, 12.681, 228.908



46, 4.757, 180.778



64, 48.381, 168.721



17, 18.981, 172.340

Inverse Universe

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



77, 17.859, 3.609



84, 23.919, 4.130



80, 14.340, 46.474



44, 4.927, 2.395



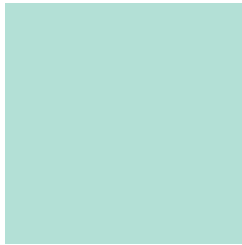
37, 69.232, 27.512



6, 25.283, 11.510

Previews

White Background



This preview shows how the CIE LCh color 86, 16.553, 179.732 looks on a white background.

Color Contrast Check

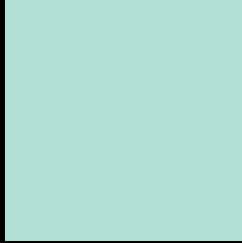
Large Text (above 18pt) WCAG AA × Fail

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, 16.553, 179.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

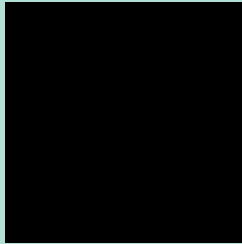
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

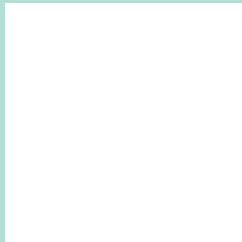
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 16.553, 179.732

Background



This preview shows how black text looks on a background with the CIELCh color 86, 16.553, 179.732.

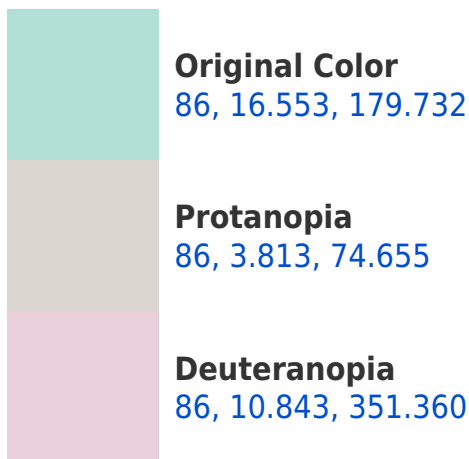


This preview shows how white text looks on a background with the CIELCh color 86, 16.553, 179.732.

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](#).

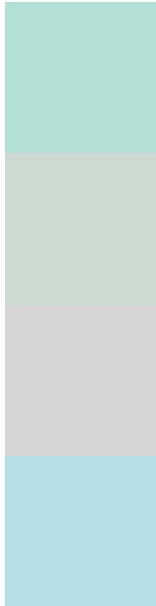
Dichromacy





Tritanopia
86, 14.927, 235.628

Trichromacy



Original Color
86, 16.553, 179.732

Protanomaly
86, 6.323, 157.540

Deuteranomaly
86, 1.583, 290.354

Tritanomaly
86, 13.862, 214.004

Monochromacy



Original Color
86, 16.553, 179.732

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 5.940, 183.647

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 16.553, 179.732 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(179, 224, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 224, 214)  
}
```

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(179, 224, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 224, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 16.553, 179.732 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(179, 224, 214) }
```

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

```
.border{ border-color:rgb(179, 224, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 224, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 224, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 224, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 224,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 16.553, 179.732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 224, 214) }
```

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

```
.background{ background-color: rgb(179,  
224, 214) }
```

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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