

Converting Colors

CIELCh(86, 24.574, 179.417)

Have a look what the booklet for
CIELCh(86, 24.574, 179.417)
contains.

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Color

CIElCh(86, 24.204, 180.005)

Conversions

Conversions Part 1

Format	Color
Hex	A0E4D6
RGB	160, 228, 214
RGB Percent	63%, 89%, 84%
CMY	0.3716, 0.1049, 0.1598
CMYK	0.30, 0.00, 0.06, 0.10
HSL	168°, 56%, 76%
HSV	168°, 30%, 90%
XYZ	54.5241, 67.9871, 74.0291
YIQ	206.0720, -36.0340, -18.7700

Conversions

Conversions Part 2

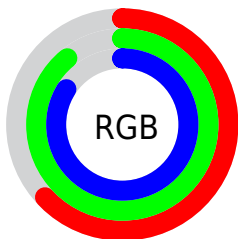
Format	Color
RYB	160, 198, 228
Decimal	10544342
CIELab	86.00, -24.20, -0.00
CIElCh	86, 24.204, 180.005
Yxy	67.9871, 0.2774, 0.3459
Android (android.graphics.Color)	4288734422 (0xFFA0E4D6)
YUV	206.0720, 3.9085, -40.4051
Hunter-Lab	82.4543, -26.2593, 4.4863

Details

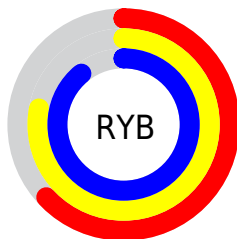
The CIELCh color **86, 24.204, 180.005** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 27.354, 6.135**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.092, 198.632**, and **66, 24.109, 179.889** is the 20% darker color. If you saturate the color by 10%, you get **85, 31.456, 178.931**, and if you desaturate by 10%, it is **87, 16.423, 181.010**.

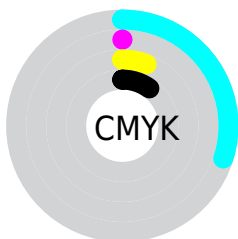
Distribution



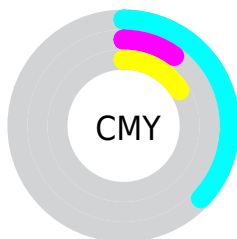
- Red (63%)
- Green (89%)
- Blue (84%)



- Red (63%)
- Yellow (78%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)




- Cyan (37%)
- Magenta (10%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 24.204, 180.005 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, 24.204, 180.005 by changing the saturation by 10% instead.


 86, 24.204,
180.005

 86, 24.204,
180.005

 100, 24.204,
180.005

 76, 24.204,
180.005

 66, 24.204,
180.005

 56, 24.204,
180.005

 46, 24.204,
180.005

 36, 24.204,
180.005

 26, 24.204,
180.005

 16, 24.204,

180.005

■ 6, 24.204, 180.005

■ 0, 24.204, 180.005

■ 86, 24.204,
180.005

■ 86, 24.204,
180.005

■ 85, 31.456,
178.931

■ 87, 16.423,
181.010

■ 84, 38.033,
177.775

■ 89, 8.252, 181.986

■ 83, 43.804,
176.515

■ 91, 0.179, 359.671

■ 93, 8.757, 3.607

■ 82, 48.668,
175.125

■ 93, 10.783,
353.206

■ 82, 52.576,

173.581

93, 12.037,
342.855

81, 55.551,
171.867

93, 13.617,
334.717

81, 57.774,
170.006

93, 15.421,
328.415

81, 57.817,
169.968

93, 16.720,
325.003

Harmonies

Complementary

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



86, 24.204, 180.005



73, 27.354, 6.135

Rectangle

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



86, 24.204, 180.005



86, 24.204, 230.005



86, 24.204, 0.005



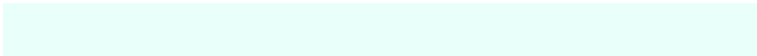
86, 24.204, 50.005

Sweetspot

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



86, 24.205, 180.002



98, 8.302, 182.059



86, 40.601, 136.762



52, 5.759, 181.915



0, 0.000, 0.000



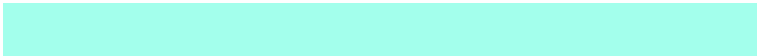
53, 0.007, 296.813

Same Dimension

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



86, 24.205, 180.002



94, 31.462, 179.322



81, 18.534, 232.219



47, 4.808, 182.019



65, 47.903, 170.298



18, 19.311, 173.585

Inverse Universe

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



73, 27.354, 6.135



77, 36.599, 7.137



77, 22.332, 47.957



45, 4.989, 3.623



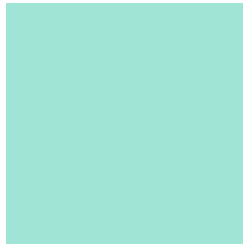
37, 70.743, 28.853



7, 26.662, 13.159

Previews

White Background



This preview shows how the CIELCh color 86, 24.204, 180.005 looks on a white background.

Color Contrast Check

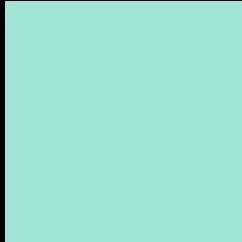
Large Text (above 18pt) WCAG AA × Fail

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, 24.204, 180.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

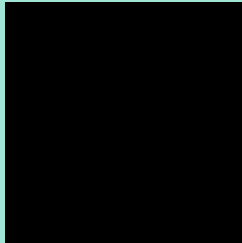
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

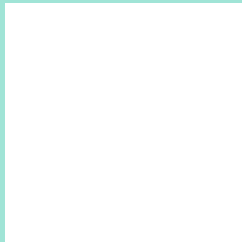
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 24.204, 180.005

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.204, 180.005.

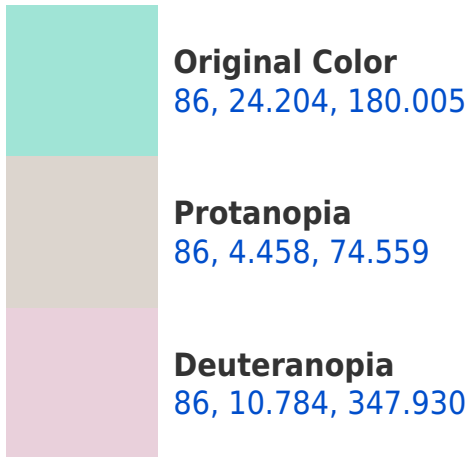


This preview shows how white text looks on a background with the CIELCh color 86, 24.204, 180.005.

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



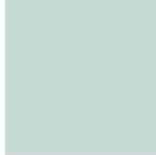


Tritanopia
86, 20.472, 225.993

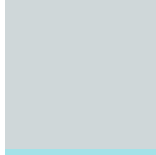
Trichromacy



Original Color
86, 24.204, 180.005



Protanomaly
86, 9.234, 164.183



Deuteranomaly
85, 3.020, 219.783

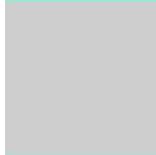


Tritanomaly
86, 20.326, 207.070

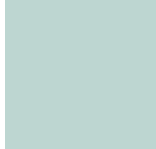
Monochromacy



Original Color
86, 24.204, 180.005



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 9.291, 182.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.204, 180.005 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(160, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(160, 228, 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(160, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 228, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.204, 180.005 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(160, 228, 214) }
```

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

```
.border{ border-color:rgb(160, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(160, 228,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.204, 180.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 228, 214) }
```

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

```
.background{ background-color: rgb(160,  
228, 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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