

Converting Colors

CIELCh(86, 12.358, 205.963)

Have a look what the booklet for
CIELCh(86, 12.358, 205.963)
contains.

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Color

CIElCh(86, 12.358, 205.963)

Conversions

Conversions Part 1

Format	Color
Hex	BADEE1
RGB	186, 222, 225
RGB Percent	73%, 87%, 88%
CMY	0.2713, 0.1301, 0.1184
CMYK	0.17, 0.01, 0.00, 0.12
HSL	185°, 39%, 81%
HSV	185°, 17%, 88%
XYZ	59.8433, 67.9871, 81.0708
YIQ	211.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

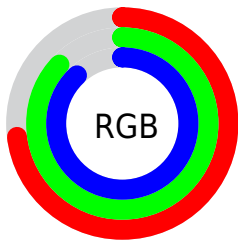
Format	Color
RYB	186, 205, 225
Decimal	12246753
CIELab	86.00, -11.11, -5.41
CIELCh	86, 12.358, 205.963
Yxy	67.9871, 0.2865, 0.3255
Android (android.graphics.Color)	4290436833 (0xFFBADEE1)
YUV	211.5780, 6.6170, -22.4319
Hunter-Lab	82.4543, -14.7440, -0.5772

Details

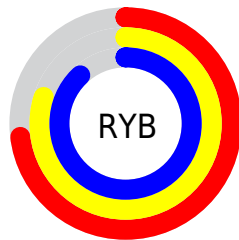
The CIELCh color `86, 12.358, 205.963` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `80, 13.886, 27.000`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `66, 12.475, 206.100` is the 20% darker color. If you saturate the color by 10%, you get `84, 18.822, 205.816`, and if you desaturate by 10%, it is `88, 5.383, 206.230`.

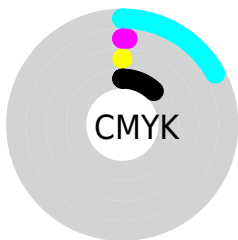
Distribution



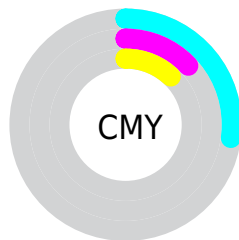
- Red (73%)
- Green (87%)
- Blue (88%)



- Red (73%)
- Yellow (80%)
- Blue (88%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)





- Cyan (27%)
- Magenta (13%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 12.358, 205.963 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, 12.358, 205.963 by changing the saturation by 10% instead.


 86, 12.358,
205.963


 86, 12.358,
205.963


 100, 12.358,
205.963


 76, 12.358,
205.963

 66, 12.358,
205.963

 56, 12.358,
205.963

 46, 12.358,
205.963

 36, 12.358,
205.963

 26, 12.358,
205.963

 16, 12.358,

205.963

■ 6, 12.358, 205.963

■ 0, 12.358, 205.963

■ 86, 12.358,
205.963

■ 86, 12.358,
205.963

■ 84, 18.822,
205.816

■ 88, 5.383, 206.230

■ 83, 24.651,
205.796

■ 90, 1.990, 26.094

■ 92, 9.661, 26.673

■ 81, 29.725,
205.915

■ 93, 9.819, 31.780

■ 80, 33.935,
206.198

■ 93, 9.434, 37.765

■ 94, 9.161, 44.177

■ 79, 37.201,

206.671

94, 9.011, 50.887

78, 39.486,
207.363

95, 8.989, 57.719

77, 40.814,
208.301

95, 9.095, 64.481

76, 41.303,
209.496

76, 41.367,
209.836

Harmonies

Complementary

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



86, 12.358, 205.963



80, 13.886, 27.000

Rectangle

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



86, 12.358, 205.963



86, 12.358, 255.963



86, 12.358, 25.963



86, 12.358, 75.963

Sweetspot

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



86, 12.359, 205.955



99, 4.082, 206.341



86, 23.891, 145.177



53, 2.780, 206.302



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, 12.359, 205.955



95, 16.369, 205.888



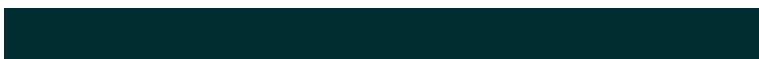
81, 12.936, 264.787



46, 4.133, 206.155



61, 34.487, 209.597



16, 14.350, 207.252

Inverse Universe

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



80, 23.756, 327.563



87, 31.880, 327.785



84, 13.287, 80.030



44, 7.737, 327.097



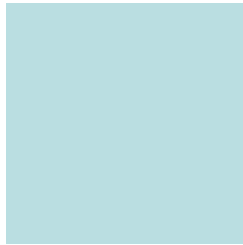
41, 82.389, 331.535



7, 34.120, 330.947

Previews

White Background



This preview shows how the CIELCh color 86, 12.358, 205.963 looks on a white background.

Color Contrast Check

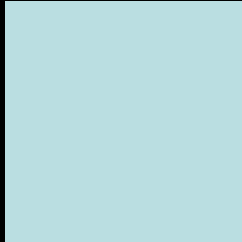
Large Text (above 18pt) WCAG AA × Fail

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, 12.358, 205.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

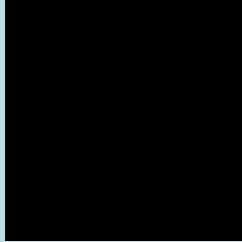
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

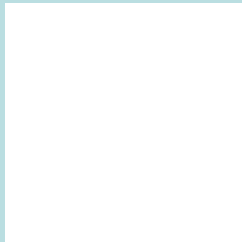
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 12.358, 205.963

Background



This preview shows how black text looks on a background with the CIELCh color 86, 12.358, 205.963.



This preview shows how white text looks on a background with the CIELCh color 86, 12.358, 205.963.

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](#).

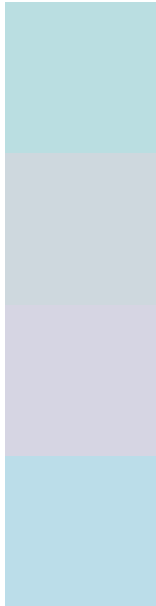
Dichromacy





Tritanopia
86, 13.707, 239.649

Trichromacy



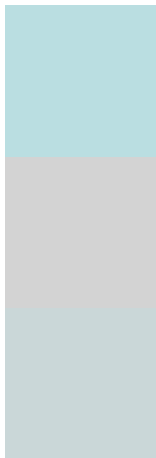
Original Color
86, 12.358, 205.963

Protanomaly
86, 4.681, 241.686

Deuteranomaly
86, 7.374, 293.539

Tritanomaly
86, 12.890, 228.118

Monochromacy



Original Color
86, 12.358, 205.963

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.631, 205.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 12.358, 205.963 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(186, 222, 225)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 225)  
}
```

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(186, 222, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 12.358, 205.963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

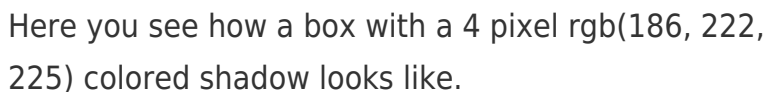
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 222, 225) }
```

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

```
.border{ border-color:rgb(186, 222, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 222, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 222, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 222, 225); box-shadow:4px 4px 4px 4px rgb(186, 222, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 12.358, 205.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 225) }
```

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

```
.background{ background-color: rgb(186,  
222, 225) }
```

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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