

Converting Colors

CIELCh(86, 11.580, 204.938)

Have a look what the booklet for
CIELCh(86, 11.580, 204.938)
contains.

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Color

CIELCh(86, 11.395, 206.656)

Conversions

Conversions Part 1

Format	Color
Hex	BCDDE0
RGB	188, 221, 224
RGB Percent	74%, 87%, 88%
CMY	0.2616, 0.1322, 0.1204
CMYK	0.16, 0.01, 0.00, 0.12
HSL	185°, 37%, 81%
HSV	185°, 16%, 88%
XYZ	60.2325, 67.9871, 80.6715
YIQ	211.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

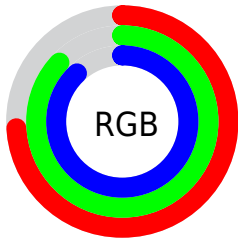
Format	Color
R_{YB}	188, 205, 224
Decimal	12377568
CIE _{Lab}	86.00, -10.18, -5.11
CIE _{LCh}	86, 11.395, 206.656
Yxy	67.9871, 0.2883, 0.3255
Android (android.graphics.Color)	4290567648 (0xFFBCDDE0)
YUV	211.4750, 6.1748, -20.5876
Hunter-Lab	82.4543, -13.9016, -0.2901

Details

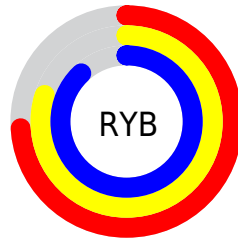
The CIELCh color **86, 11.395, 206.656** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 12.687, 27.505**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **66, 11.496, 206.845** is the 20% darker color. If you saturate the color by 10%, you get **84, 17.882, 206.525**, and if you desaturate by 10%, it is **88, 4.417, 206.925**.

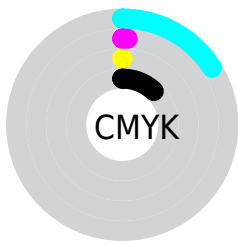
Distribution



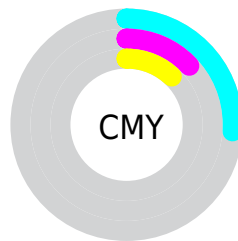
- Red (74%)
- Green (87%)
- Blue (88%)



- Red (74%)
- Yellow (80%)
- Blue (88%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)





- Cyan (26%)
- Magenta (13%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.395, 206.656 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, 11.395, 206.656 by changing the saturation by 10% instead.


 86, 11.395,
206.656


 86, 11.395,
206.656


 100, 11.395,
206.656


 76, 11.395,
206.656

 66, 11.395,
206.656

 56, 11.395,
206.656

 46, 11.395,
206.656

 36, 11.395,
206.656

 26, 11.395,
206.656

 16, 11.395,

206.656

■ 6, 11.395, 206.656

■ 0, 11.395, 206.656

■ 86, 11.395,
206.656

■ 86, 11.395,
206.656

■ 84, 17.882,
206.525

■ 88, 4.417, 206.925

■ 82, 23.755,
206.527

■ 90, 2.944, 26.847

■ 81, 28.894,
206.671

■ 92, 10.379, 27.448

■ 80, 33.189,
206.984

■ 93, 9.880, 33.398

■ 78, 36.553,

■ 93, 9.500, 39.898

■ 94, 9.253, 46.837

207.497

94, 9.150, 54.037

77, 38.945,
208.240

95, 9.194, 61.276

77, 40.380,
209.244

95, 9.384, 68.323

76, 40.950,
210.528

76, 41.043,
211.084

Harmonies

Complementary

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



86, 11.395, 206.656



80, 12.687, 27.505

Rectangle

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



86, 11.395, 206.656



86, 11.395, 256.656



86, 11.395, 26.656



86, 11.395, 76.656

Sweetspot

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



86, 11.396, 206.647



99, 4.059, 206.976



86, 22.058, 145.273



53, 2.764, 206.940



0, 0.000, 0.000



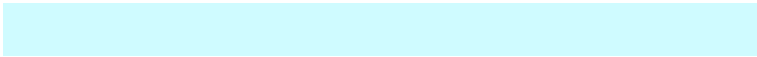
53, 0.007, 296.813

Same Dimension

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



86, 11.396, 206.647



96, 14.823, 206.597



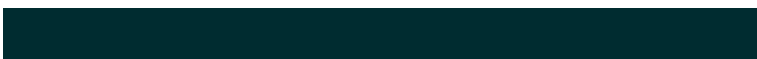
81, 11.948, 264.579



46, 4.109, 206.802



61, 34.278, 210.824



16, 14.269, 208.247

Inverse Universe

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



80, 21.838, 327.679



88, 28.708, 327.861



84, 12.244, 80.197



44, 7.703, 327.287



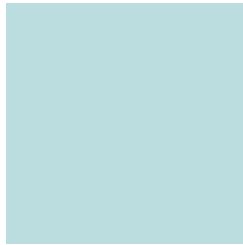
41, 81.977, 331.836



7, 33.972, 331.191

Previews

White Background



This preview shows how the CIELCh color 86, 11.395, 206.656 looks on a white background.

Color Contrast Check

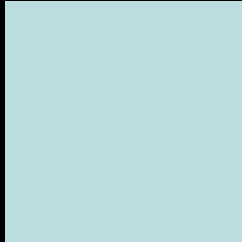
Large Text (above 18pt) WCAG AA × Fail

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, 11.395, 206.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

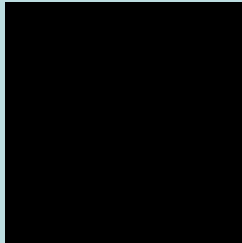
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 11.395, 206.656

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.395, 206.656.

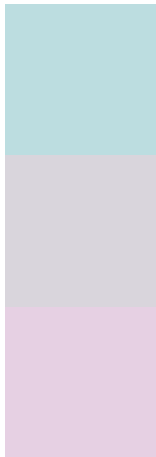


This preview shows how white text looks on a background with the CIELCh color 86, 11.395, 206.656.

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



Original Color

86, 11.395, 206.656

Protanopia

86, 3.969, 311.618

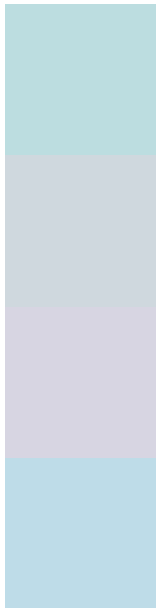
Deuteranopia

86, 12.758, 328.946



Tritanopia
86, 13.118, 245.236

Trichromacy



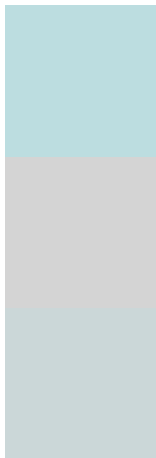
Original Color
86, 11.395, 206.656

Protanomaly
86, 4.431, 244.736

Deuteranomaly
86, 6.881, 296.645

Tritanomaly
86, 11.793, 231.248

Monochromacy



Original Color
86, 11.395, 206.656

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.284, 206.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.395, 206.656 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(188, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 224)  
}
```

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(188, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.395, 206.656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

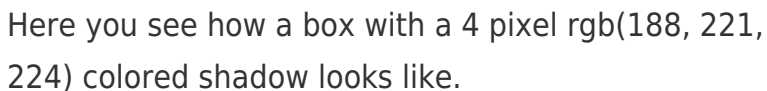
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 221, 224) }
```

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

```
.border{ border-color:rgb(188, 221, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 221, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 221, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 221, 224); box-shadow:4px 4px 4px 4px rgb(188, 221, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.395, 206.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 221, 224) }
```

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

```
.background{ background-color: rgb(188,  
221, 224) }
```

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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