

Converting Colors

CIELCh(86, 11.876, 217.441)

Have a look what the booklet for
CIELCh(86, 11.876, 217.441)
contains.

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Color

CIELCh(86, 11.722, 217.057)

Conversions

Conversions Part 1

Format	Color
Hex	BCDDE4
RGB	188, 221, 228
RGB Percent	74%, 87%, 89%
CMY	0.2628, 0.1334, 0.1060
CMYK	0.18, 0.03, 0.00, 0.11
HSL	190°, 43%, 82%
HSV	190°, 18%, 89%
XYZ	60.5821, 67.9871, 83.3097
YIQ	211.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

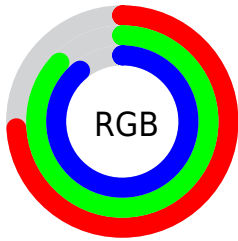
Format	Color
R _Y B	188, 206, 228
Decimal	12377572
CIE Lab	86.00, -9.35, -7.06
CIE LCh	86, 11.722, 217.057
Yxy	67.9871, 0.2859, 0.3209
Android (android.graphics.Color)	4290567652 (0xFFBCDDE4)
YUV	211.9310, 7.9220, -20.9875
Hunter-Lab	82.4543, -13.1447, -2.1871

Details

The CIELCh color `86, 11.722, 217.057` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `81, 13.173, 36.517`, 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, 11.829, 217.781` is the 20% darker color. If you saturate the color by 10%, you get `84, 17.798, 217.463`, and if you desaturate by 10%, it is `89, 5.183, 216.843`.

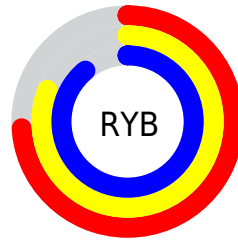
Distribution



Red (74%)

Green (87%)

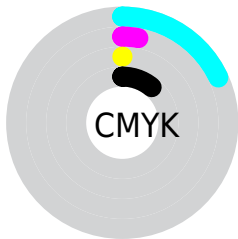
Blue (89%)



Red (74%)

Yellow (81%)

Blue (89%)

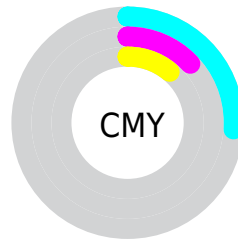


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (26%)


Magenta (13%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 11.722, 217.057 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, 11.722, 217.057 by changing the saturation by 10% instead.


 86, 11.722,
217.057


 86, 11.722,
217.057


 100, 11.722,
217.057


 76, 11.722,
217.057


 66, 11.722,
217.057

 56, 11.722,
217.057

 46, 11.722,
217.057

 36, 11.722,
217.057

 26, 11.722,
217.057

 16, 11.722,

217.057

■ 6, 11.722, 217.057

■ 0, 11.722, 217.057

■ 86, 11.722,
217.057

■ 86, 11.722,
217.057

■ 84, 17.798,
217.463

■ 89, 5.183, 216.843

■ 81, 23.301,
218.094

■ 91, 1.722, 36.231

■ 94, 8.419, 37.424

■ 79, 28.123,
218.990

■ 95, 8.007, 54.548

■ 77, 32.165,
220.210

■ 96, 8.350, 71.774

■ 75, 35.352,

■ 97, 9.360, 86.394

221.827

98, 10.848, 97.543

74, 37.660,
223.919

99, 12.641,
105.725

72, 39.130,
226.557

99, 13.675,
109.144

71, 39.904,
229.772

71, 40.057,
230.602

Harmonies

Complementary

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



86, 11.722, 217.057



81, 13.173, 36.517

Rectangle

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



86, 11.722, 217.057



86, 11.722, 267.057



86, 11.722, 37.057



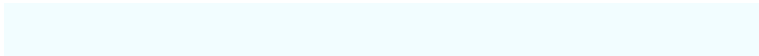
86, 11.722, 87.057

Sweetspot

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



86, 11.722, 217.048



99, 3.785, 216.853



87, 22.769, 148.211



52, 2.578, 216.845



0, 0.000, 0.000



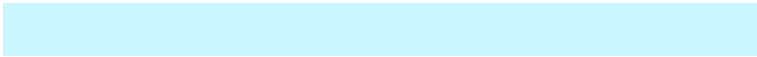
53, 0.007, 296.813

Same Dimension

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



86, 11.722, 217.048



94, 15.192, 217.174



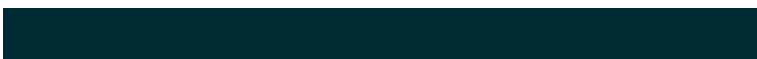
81, 14.766, 273.596



47, 3.903, 216.861



56, 33.343, 229.989



15, 14.002, 224.146

Inverse Universe

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



81, 22.705, 330.739



87, 29.788, 330.971



86, 14.819, 88.892



45, 7.359, 330.219



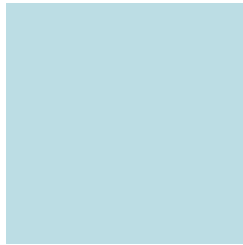
41, 77.185, 336.643



8, 33.059, 335.133

Previews

White Background



This preview shows how the CIELCh color 86, 11.722, 217.057 looks on a white background.

Color Contrast Check

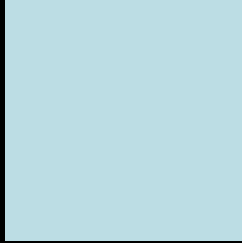
Large Text (above 18pt) WCAG AA × Fail

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, 11.722, 217.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

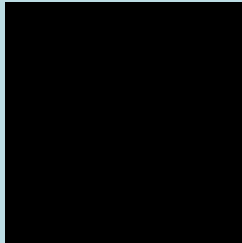
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

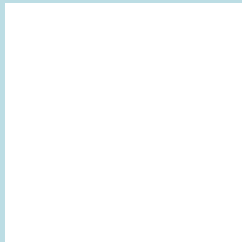
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 11.722, 217.057

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.722, 217.057.

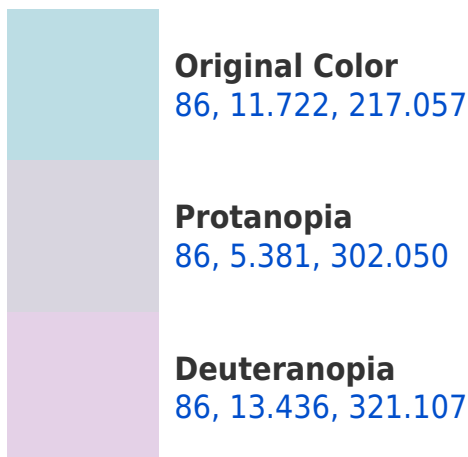


This preview shows how white text looks on a background with the CIELCh color 86, 11.722, 217.057.

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](#).

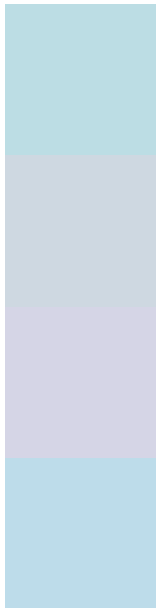
Dichromacy





Tritanopia
86, 13.231, 241.474

Trichromacy



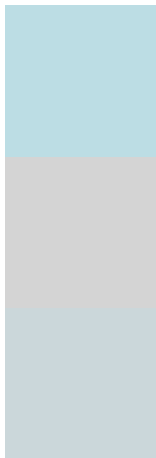
Original Color
86, 11.722, 217.057

Protanomaly
86, 5.825, 253.651

Deuteranomaly
86, 8.935, 290.937

Tritanomaly
86, 12.581, 234.727

Monochromacy



Original Color
86, 11.722, 217.057

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 4.501, 219.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.722, 217.057 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(188, 221, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 221, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.722, 217.057 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, 228) }
```

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

```
.border{ border-color:rgb(188, 221, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 221, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 221, 228);  
box-shadow:4px 4px 4px 4px rgb(188, 221,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.722, 217.057 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, 228) }
```

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

```
.background{ background-color: rgb(188,  
221, 228) }
```

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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