

Converting Colors

CIELCh(86, 13.813, 207.029)

Have a look what the booklet for
CIELCh(86, 13.813, 207.029)
contains.

CIELCh(86, 13.947, 205.013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 13.947, 205.013)

Conversions

Conversions Part 1

Format	Color
Hex	B6DFE2
RGB	182, 223, 226
RGB Percent	71%, 87%, 89%
CMY	0.2875, 0.1267, 0.1150
CMYK	0.19, 0.01, 0.00, 0.11
HSL	184°, 43%, 80%
HSV	184°, 19%, 89%
XYZ	59.2054, 67.9871, 81.7258
YIQ	211.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

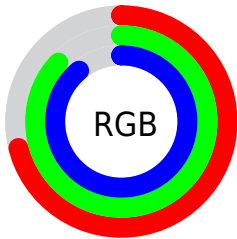
Format	Color
R_{YB}	182, 203, 226
Decimal	11984866
CIE _{Lab}	86.00, -12.64, -5.90
CIE _{LCh}	86, 13.947, 205.013
Y _{xy}	67.9871, 0.2834, 0.3254
Android (android.graphics.Color)	4290174946 (0xFFB6DFE2)
YUV	211.0830, 7.3541, -25.5058
Hunter-Lab	82.4543, -16.1250, -1.0482

Details

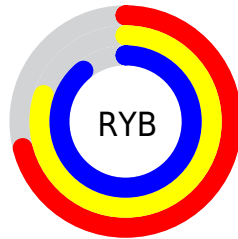
The CIELCh color **86, 13.947, 205.013** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 15.916, 26.362**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **66, 14.083, 205.084** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.356, 204.847**, and if you desaturate by 10%, it is **88, 6.995, 205.283**.

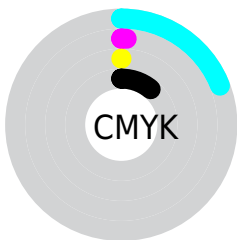
Distribution



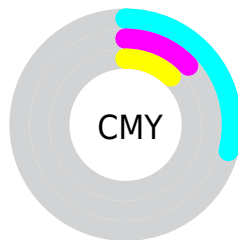
- Red (71%)
- Green (87%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 13.947, 205.013 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, 13.947, 205.013 by changing the saturation by 10% instead.

■ 86, 13.947,
205.013

■ 86, 13.947,
205.013

■ 100, 13.947,
205.013

■ 76, 13.947,
205.013

■ 66, 13.947,
205.013

■ 56, 13.947,
205.013

■ 46, 13.947,
205.013

■ 36, 13.947,
205.013

■ 26, 13.947,
205.013

■ 16, 13.947,

205.013

■ 6, 13.947, 205.013

■ 0, 13.947, 205.013

■ 86, 13.947,
205.013

■ 86, 13.947,
205.013

■ 84, 20.356,
204.847

■ 88, 6.995, 205.283

■ 83, 26.096,
204.802

■ 90, 0.384, 23.911

■ 92, 8.083, 25.781

■ 81, 31.048,
204.891

■ 93, 9.694, 29.587

■ 80, 35.107,
205.135

■ 93, 9.312, 34.887

■ 94, 9.018, 40.583

■ 79, 38.200,

205.559

94, 8.819, 46.595

78, 40.304,
206.187

94, 8.722, 52.808

78, 41.460,
207.040

95, 8.731, 59.077

77, 41.844,
208.107

77, 41.857,
208.163

Harmonies

Complementary

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



86, 13.947, 205.013



78, 15.916, 26.362

Rectangle

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



86, 13.947, 205.013



86, 13.947, 255.013



86, 13.947, 25.013



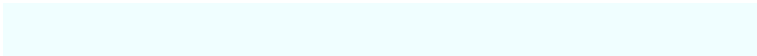
86, 13.947, 75.013

Sweetspot

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



86, 13.948, 205.006



99, 4.925, 205.429



86, 26.948, 145.014



52, 3.262, 205.397



0, 0.000, 0.000



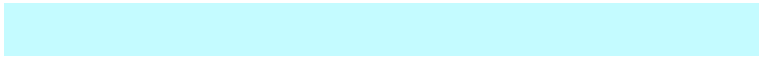
53, 0.007, 296.813

Same Dimension

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



86, 13.948, 205.006



95, 17.947, 204.935



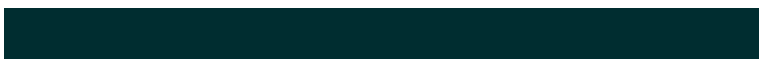
80, 14.583, 265.144



46, 4.166, 205.285



61, 34.793, 207.953



16, 14.466, 205.916

Inverse Universe

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



79, 26.954, 327.428



86, 35.128, 327.640



84, 15.036, 79.749



44, 7.784, 326.840



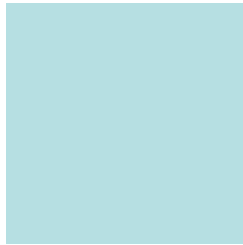
41, 82.953, 331.132



7, 34.322, 330.619

Previews

White Background



This preview shows how the CIE LCh color 86, 13.947, 205.013 looks on a white background.

Color Contrast Check

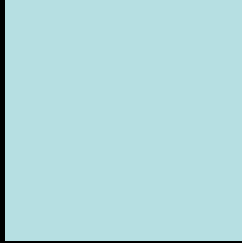
Large Text (above 18pt) WCAG AA × Fail

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, 13.947, 205.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

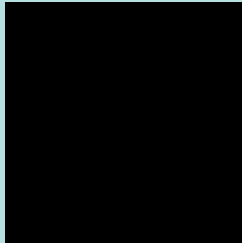
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

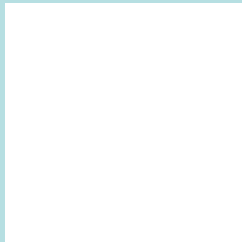
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 13.947, 205.013

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.947, 205.013.

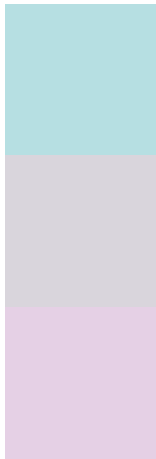


This preview shows how white text looks on a background with the CIELCh color 86, 13.947, 205.013.

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, 13.947, 205.013

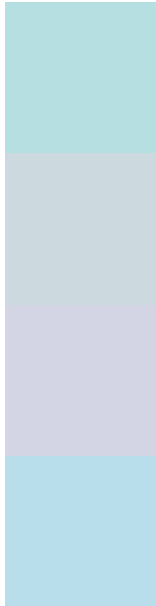
Protanopia
86, 3.969, 311.618

Deuteranopia
86, 13.385, 324.925



Tritanopia
86, 14.927, 235.628

Trichromacy



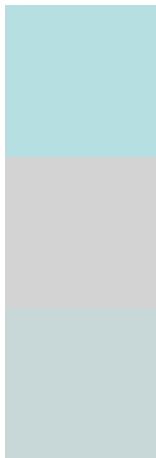
Original Color
86, 13.947, 205.013

Protanomaly
86, 5.223, 229.438

Deuteranomaly
86, 7.888, 288.307

Tritanomaly
86, 14.283, 224.920

Monochromacy



Original Color
86, 13.947, 205.013

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.324, 204.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.947, 205.013 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(182, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 226)  
}
```

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(182, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.947, 205.013 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(182, 223, 226) }
```

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

```
.border{ border-color:rgb(182, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.947, 205.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 226) }
```

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

```
.background{ background-color: rgb(182,  
223, 226) }
```

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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