

Converting Colors

CIELCh(86, 14.222, 205.658)

Have a look what the booklet for
CIELCh(86, 14.222, 205.658)
contains.

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Color

CIELCh(86, 14.263, 204.846)

Conversions

Conversions Part 1

Format	Color
Hex	B5DFE2
RGB	181, 223, 226
RGB Percent	71%, 87%, 89%
CMY	0.2907, 0.1260, 0.1143
CMYK	0.20, 0.01, 0.00, 0.11
HSL	184°, 44%, 80%
HSV	184°, 20%, 89%
XYZ	59.0791, 67.9871, 81.8553
YIQ	210.7840, -25.9950, -7.9710

Conversions

Conversions Part 2

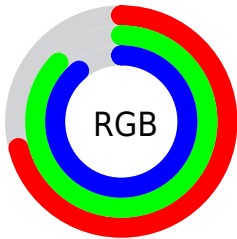
Format	Color
R _Y B	181, 203, 226
Decimal	11919330
CIE Lab	86.00, -12.94, -5.99
CIE LCh	86, 14.263, 204.846
Yxy	67.9871, 0.2828, 0.3254
Android (android.graphics.Color)	4290109410 (0xFFB5DFE2)
YUV	210.7840, 7.5015, -26.1206
Hunter-Lab	82.4543, -16.3984, -1.1413

Details

The CIELCh color **86, 14.263, 204.846** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 16.327, 26.259**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **66, 14.401, 204.907** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.659, 204.677**, and if you desaturate by 10%, it is **88, 7.318, 205.117**.

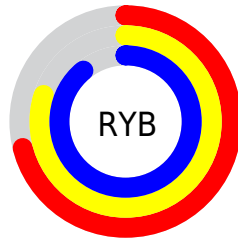
Distribution



Red (71%)

Green (87%)

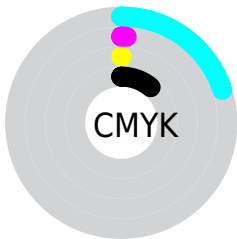
Blue (89%)



Red (71%)

Yellow (80%)

Blue (89%)

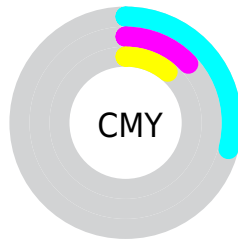


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (29%)

Magenta (13%)

Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 14.263, 204.846 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, 14.263, 204.846 by changing the saturation by 10% instead.

 86, 14.263,
204.846

 86, 14.263,
204.846


 100, 14.263,
204.846


 76, 14.263,
204.846


 66, 14.263,
204.846

 56, 14.263,
204.846

 46, 14.263,
204.846

 36, 14.263,
204.846

 26, 14.263,
204.846

 16, 14.263,

204.846

■ 6, 14.263, 204.846

■ 0, 14.263, 204.846

■ 86, 14.263,
204.846

■ 86, 14.263,
204.846

■ 84, 20.659,
204.677

■ 88, 7.318, 205.117

■ 83, 26.380,
204.628

■ 90, 0.061, 15.225

■ 81, 31.305,
204.712

■ 92, 7.762, 25.622

■ 80, 35.332,
204.950

■ 93, 9.666, 29.205

■ 79, 38.390,

■ 93, 9.286, 34.388

■ 94, 8.989, 39.959

205.366

94, 8.784, 45.847

78, 40.457,
205.984

94, 8.676, 51.945

78, 41.578,
206.822

95, 8.670, 58.117

77, 41.947,
207.866

77, 41.949,
207.874

Harmonies

Complementary

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



86, 14.263, 204.846



78, 16.327, 26.259

Rectangle

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



86, 14.263, 204.846



86, 14.263, 254.846



86, 14.263, 24.846



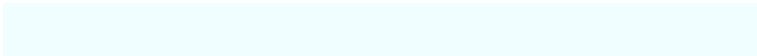
86, 14.263, 74.846

Sweetspot

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



86, 14.264, 204.839



99, 4.932, 205.281



86, 27.881, 144.511



52, 3.266, 205.248



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, 14.264, 204.839



95, 18.688, 204.757



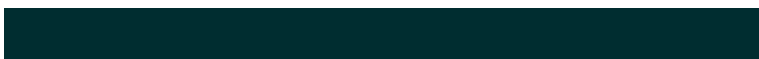
80, 14.659, 263.569



46, 4.172, 205.134



61, 34.849, 207.669



16, 14.487, 205.685

Inverse Universe

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



79, 27.596, 327.407



85, 36.692, 327.652



84, 15.204, 78.063



44, 7.792, 326.795



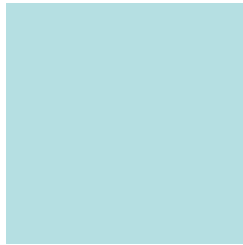
41, 83.052, 331.062



8, 34.358, 330.562

Previews

White Background



This preview shows how the CIELCh color 86, 14.263, 204.846 looks on a white background.

Color Contrast Check

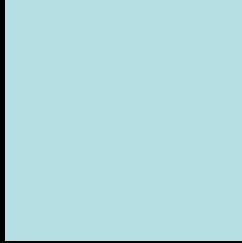
Large Text (above 18pt) WCAG AA × Fail

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, 14.263, 204.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

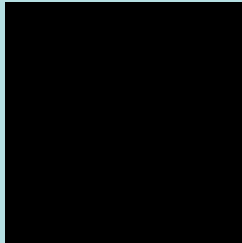
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

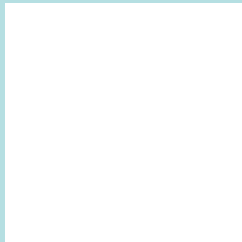
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 14.263, 204.846

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.263, 204.846.



This preview shows how white text looks on a background with the CIELCh color 86, 14.263, 204.846.

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, 15.453, 236.611

Trichromacy



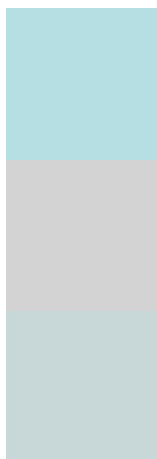
Original Color
86, 14.263, 204.846

Protanomaly
86, 5.223, 229.438

Deuteranomaly
86, 7.905, 285.776

Tritanomaly
86, 14.564, 224.359

Monochromacy



Original Color
86, 14.263, 204.846

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, 14.263, 204.846 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(181, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 223, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.263, 204.846 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(181, 223, 226) }
```

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

```
.border{ border-color:rgb(181, 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(181, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 223, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 223, 226); box-shadow:4px 4px 4px 4px rgb(181, 223, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.263, 204.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 223, 226) }
```

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

```
.background{ background-color: rgb(181,  
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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