

Converting Colors

CIELCh(86, 14.759, 218.682)

Have a look what the booklet for
CIELCh(86, 14.759, 218.682)
contains.

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Color

CIELCh(86, 14.814, 219.408)

Conversions

Conversions Part 1

Format	Color
Hex	B4DEE8
RGB	180, 222, 232
RGB Percent	71%, 87%, 91%
CMY	0.2929, 0.1282, 0.0890
CMYK	0.22, 0.04, 0.00, 0.09
HSL	192°, 53%, 81%
HSV	192°, 22%, 91%
XYZ	59.7030, 67.9871, 86.5488
YIQ	210.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

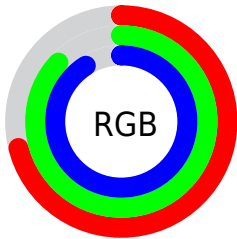
Format	Color
R _{YB}	180, 203, 232
Decimal	11853544
CIE _{Lab}	86.00, -11.45, -9.40
CIE _{LCh}	86, 14.814, 219.408
Y _{xy}	67.9871, 0.2787, 0.3173
Android (android.graphics.Color)	4290043624 (0xFFB4DEE8)
YUV	210.5820, 10.5591, -26.8204
Hunter-Lab	82.4543, -15.0477, -4.5162

Details

The CIELCh color **86, 14.814, 219.408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 17.230, 38.360**, 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, 14.810, 218.133** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.673, 220.031**, and if you desaturate by 10%, it is **89, 8.446, 218.990**.

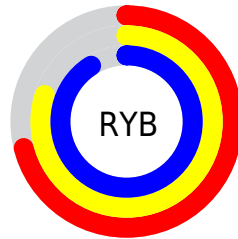
Distribution



Red (71%)

Green (87%)

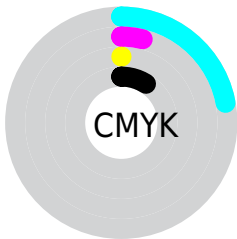
Blue (91%)



Red (71%)

Yellow (80%)

Blue (91%)

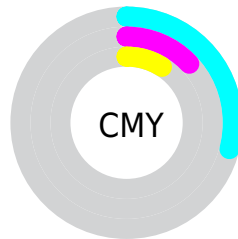


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (13%)

Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 14.814, 219.408 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, 14.814, 219.408 by changing the saturation by 10% instead.

 86, 14.814,
219.408

 86, 14.814,
219.408

 100, 14.814,
219.408

 76, 14.814,
219.408

 66, 14.814,
219.408

 56, 14.814,
219.408

 46, 14.814,
219.408

 36, 14.814,
219.408

 26, 14.814,
219.408

 16, 14.814,

219.408

■ 6, 14.814, 219.408

■ 0, 14.814, 219.408

■ 86, 14.814,
219.408

■ 86, 14.814,
219.408

■ 83, 20.673,
220.031

■ 89, 8.446, 218.990

■ 81, 25.914,
220.918

■ 91, 1.670, 218.996

■ 94, 5.421, 38.352

■ 79, 30.432,
222.123

■ 96, 6.683, 56.514

■ 77, 34.141,
223.720

■ 97, 7.297, 78.800

■ 98, 8.784, 95.489

■ 75, 36.992,

225.792

99, 10.783,
106.622

73, 38.994,
228.420

99, 11.485,
109.309

72, 40.240,
231.667

71, 40.853,
234.493

Harmonies

Complementary

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



86, 14.814, 219.408



80, 17.230, 38.360

Rectangle

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



86, 14.814, 219.408



86, 14.814, 269.408



86, 14.814, 39.408



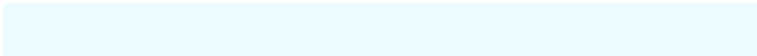
86, 14.814, 89.408

Sweetspot

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



86, 14.814, 219.401



98, 5.219, 218.873



88, 29.173, 148.363



52, 3.386, 218.880



0, 0.000, 0.000



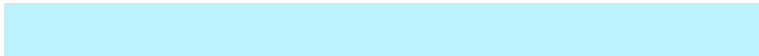
53, 0.007, 296.813

Same Dimension

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



86, 14.814, 219.401



92, 18.957, 219.671



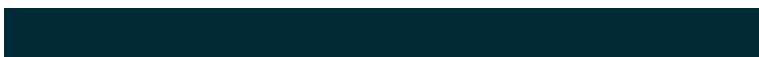
79, 19.584, 275.679



48, 3.934, 218.913



56, 33.855, 233.817



16, 14.417, 227.682

Inverse Universe

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



79, 29.097, 331.669



83, 37.843, 331.987



87, 19.595, 89.591



46, 7.401, 330.819



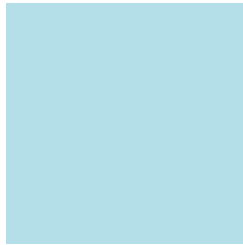
41, 76.982, 337.672



9, 33.672, 336.039

Previews

White Background



This preview shows how the CIE LCh color 86, 14.814, 219.408 looks on a white background.

Color Contrast Check

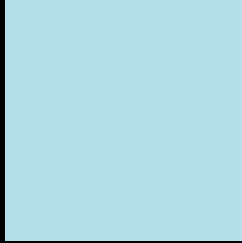
Large Text (above 18pt) WCAG AA × Fail

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, 14.814, 219.408 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, 14.814, 219.408

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.814, 219.408.



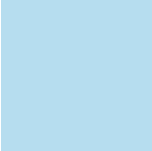
This preview shows how white text looks on a background with the CIELCh color 86, 14.814, 219.408.

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](#).

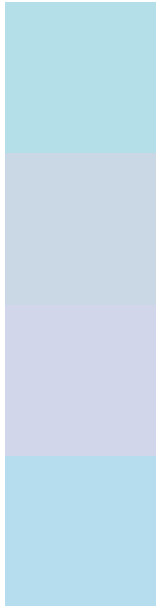
Dichromacy





Tritanopia
86, 15.699, 235.905

Trichromacy



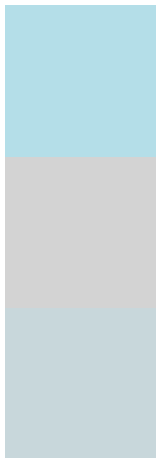
Original Color
86, 14.814, 219.408

Protanomaly
86, 8.277, 254.983

Deuteranomaly
86, 10.612, 281.716

Tritanomaly
86, 15.431, 231.817

Monochromacy



Original Color
86, 14.814, 219.408

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.641, 221.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.814, 219.408 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(180, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(180, 222, 232)  
}
```

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(180, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 222, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.814, 219.408 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(180, 222, 232) }
```

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

```
.border{ border-color:rgb(180, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(180, 222,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.814, 219.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 222, 232) }
```

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

```
.background{ background-color: rgb(180,  
222, 232) }
```

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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