

Converting Colors

CIELCh(85, 21.571, 229.326)

Have a look what the booklet for
CIELCh(85, 21.571, 229.326)
contains.

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Color

CIELCh(85, 21.577, 229.343)

Conversions

Conversions Part 1

Format	Color
Hex	A1DDF2
RGB	161, 221, 242
RGB Percent	63%, 87%, 95%
CMY	0.3669, 0.1316, 0.0492
CMYK	0.33, 0.09, 0.00, 0.05
HSL	196°, 76%, 79%
HSV	196°, 33%, 95%
XYZ	56.8541, 66.0070, 94.1025
YIQ	205.4540, -42.5010, -6.1890

Conversions

Conversions Part 2

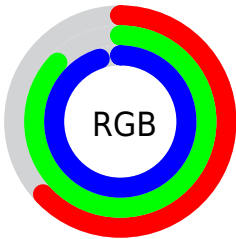
Format	Color
R _Y B	161, 195, 242
Decimal	10608114
CIE Lab	85.00, -14.06, -16.37
CIE LCh	85, 21.577, 229.343
Yxy	66.0070, 0.2620, 0.3042
Android (android.graphics.Color)	4288798194 (0xFFA1DDF2)
YUV	205.4540, 18.0172, -38.9862
Hunter-Lab	81.2447, -17.2660, -11.8020

Details

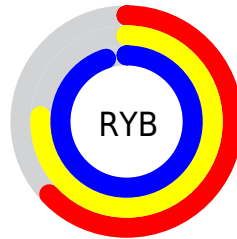
The CIELCh color **85, 21.577, 229.343** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 26.940, 45.291**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **65, 21.646, 229.236** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.964, 230.771**, and if you desaturate by 10%, it is **88, 15.623, 228.244**.

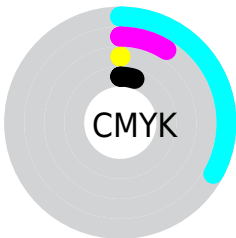
Distribution



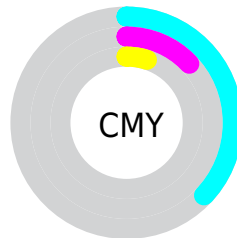
- Red (63%)
- Green (87%)
- Blue (95%)



- Red (63%)
- Yellow (76%)
- Blue (95%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)





- Cyan (37%)
- Magenta (13%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.577, 229.343 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 85, 21.577, 229.343 by changing the saturation by 10% instead.


 85, 21.577,
229.343


 85, 21.577,
229.343


 100, 21.577,
229.343


 75, 21.577,
229.343

 65, 21.577,
229.343

 55, 21.577,
229.343

 45, 21.577,
229.343

 35, 21.577,
229.343

 25, 21.577,
229.343

 15, 21.577,

229.343

■ 5, 21.577, 229.343

■ 0, 21.577, 229.343

■ 85, 21.577,
229.343

■ 85, 21.577,
229.343

■ 82, 26.964,
230.771

■ 88, 15.623,
228.244

■ 79, 31.696,
232.619

■ 91, 9.199, 227.426

■ 77, 35.707,
234.975

■ 95, 2.397, 226.974

■ 74, 38.976,
237.933

■ 98, 3.641, 54.732

■ 72, 41.552,

■ 99, 5.330, 101.622

■ 100, 6.351,

241.573

109.691

■ 70, 43.573,
245.917

■ 69, 44.756,
249.052

Harmonies

Complementary

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



85, 21.577, 229.343



79, 26.940, 45.291

Rectangle

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



85, 21.577, 229.343



85, 21.577, 279.343



85, 21.577, 49.343



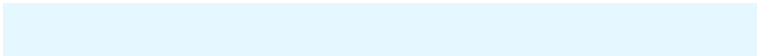
85, 21.577, 99.343

Sweetspot

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



85, 21.577, 229.339



97, 7.204, 227.211



89, 42.800, 149.623



51, 4.898, 227.296



0, 0.000, 0.000



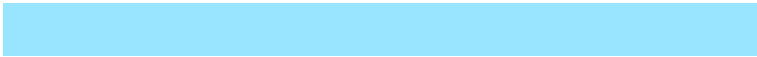
53, 0.007, 296.813

Same Dimension

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



85, 21.577, 229.339



87, 26.236, 230.256



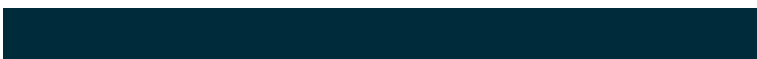
74, 33.226, 282.322



49, 3.966, 227.180



54, 36.513, 248.181



16, 15.677, 241.003

Inverse Universe

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



76, 42.833, 335.031



76, 53.123, 335.558



89, 32.411, 93.105



48, 7.308, 333.286



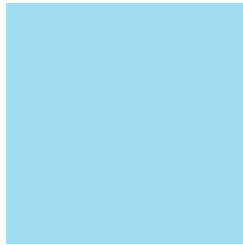
42, 74.858, 341.998



10, 34.099, 339.726

Previews

White Background



This preview shows how the CIE LCh color 85, 21.577, 229.343 looks on a white background.

Color Contrast Check

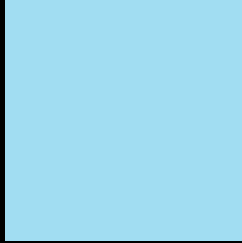
Large Text (above 18pt) WCAG AA × Fail

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 85, 21.577, 229.343 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 85, 21.577, 229.343

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.577, 229.343.




This preview shows how white text looks on a background with the CIELCh color 85, 21.577, 229.343.

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
85, 21.243, 224.909

Trichromacy



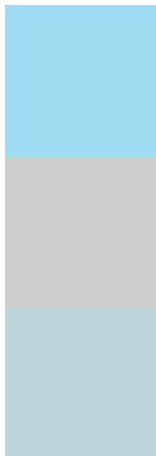
Original Color
85, 21.577, 229.343

Protanomaly
85, 14.593, 259.442

Deuteranomaly
85, 18.021, 274.537

Tritanomaly
85, 21.422, 226.274

Monochromacy



Original Color
85, 21.577, 229.343

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.408, 225.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.577, 229.343 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(161, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(161, 221, 242)  
}
```

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(161, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 221, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.577, 229.343 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(161, 221, 242) }
```

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

```
.border{ border-color:rgb(161, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(161, 221,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.577, 229.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 221, 242) }
```

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

```
.background{ background-color: rgb(161,  
221, 242) }
```

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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