

Converting Colors

CIELCh(85, 20.695, 205.197)

Have a look what the booklet for
CIELCh(85, 20.695, 205.197)
contains.

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Color

CIELCh(85, 20.624, 205.433)

Conversions

Conversions Part 1

Format	Color
Hex	A0DFE4
RGB	160, 223, 228
RGB Percent	63%, 87%, 89%
CMY	0.3717, 0.1246, 0.1050
CMYK	0.30, 0.02, 0.00, 0.10
HSL	184°, 56%, 76%
HSV	184°, 30%, 90%
XYZ	55.0250, 66.0070, 83.4042
YIQ	204.7330, -39.1530, -11.8010

Conversions

Conversions Part 2

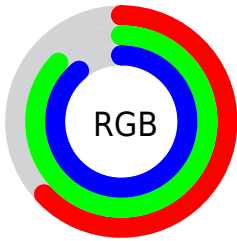
Format	Color
RYB	160, 193, 228
Decimal	10543076
CIELab	85.00, -18.63, -8.86
CIELCh	85, 20.624, 205.433
Yxy	66.0070, 0.2692, 0.3229
Android (android.graphics.Color)	4288733156 (0xFFA0DFE4)
YUV	204.7330, 11.4706, -39.2308
Hunter-Lab	81.2447, -21.2847, -3.9946

Details

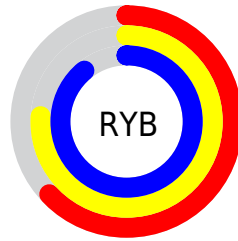
The CIELCh color $85, 20.624, 205.433$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 25.486, 27.594$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $97, 13.092, 198.632$, and $65, 20.632, 205.544$ is the 20% darker color. If you saturate the color by 10%, you get $83, 26.364, 205.421$, and if you desaturate by 10%, it is $87, 14.209, 205.557$.

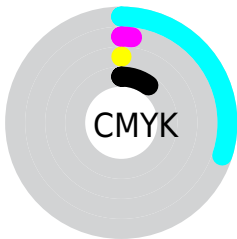
Distribution



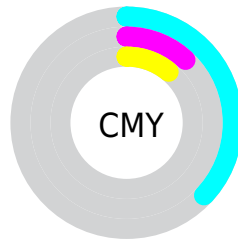
- Red (63%)
- Green (87%)
- Blue (89%)



- Red (63%)
- Yellow (76%)
- Blue (89%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)





- Cyan (37%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 20.624, 205.433 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, 20.624, 205.433 by changing the saturation by 10% instead.


 85, 20.624,
205.433


 85, 20.624,
205.433


 100, 20.624,
205.433


 75, 20.624,
205.433

 65, 20.624,
205.433

 55, 20.624,
205.433

 45, 20.624,
205.433

 35, 20.624,
205.433

 25, 20.624,
205.433

 15, 20.624,

205.433

■ 5, 20.624, 205.433

■ 0, 20.624, 205.433

■ 85, 20.624,
205.433

■ 85, 20.624,
205.433

■ 83, 26.364,
205.421

■ 87, 14.209,
205.557

■ 82, 31.308,
205.554

■ 89, 7.243, 205.806

■ 91, 0.155, 22.038

■ 81, 35.350,
205.851

■ 93, 7.879, 26.260

■ 80, 38.419,
206.340

■ 94, 8.681, 31.430

■ 79, 40.492,

■ 94, 8.309, 38.017

207.048

94, 8.058, 45.111

78, 41.613,
207.996

95, 7.938, 52.533

78, 41.972,
209.173

95, 7.956, 60.043

78, 41.977,
209.198

Harmonies

Complementary

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



85, 20.624, 205.433



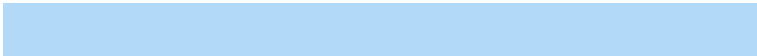
74, 25.486, 27.594

Rectangle

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



85, 20.624, 205.433



85, 20.624, 255.433



85, 20.624, 25.433



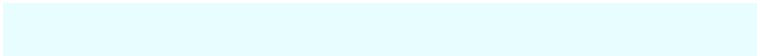
85, 20.624, 75.433

Sweetspot

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



85, 20.624, 205.429



98, 7.295, 205.831



85, 41.559, 144.151



52, 5.050, 205.783



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, 20.624, 205.429



93, 26.531, 205.409



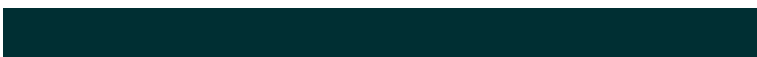
76, 22.495, 267.050



47, 4.222, 205.817



62, 34.970, 208.974



17, 14.851, 206.862

Inverse Universe

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



74, 41.383, 328.185



79, 54.469, 328.551



82, 23.631, 78.378



45, 7.900, 326.999



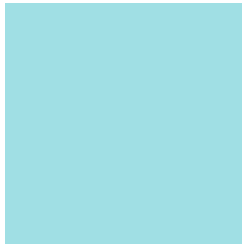
42, 83.486, 331.382



8, 35.346, 330.863

Previews

White Background



This preview shows how the CIE LCh color 85, 20.624, 205.433 looks on a white background.

Color Contrast Check

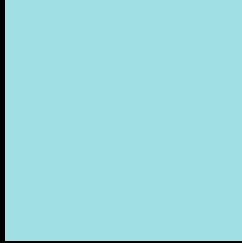
Large Text (above 18pt) WCAG AA × Fail

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, 20.624, 205.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

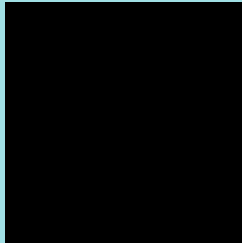
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 20.624, 205.433

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.624, 205.433.

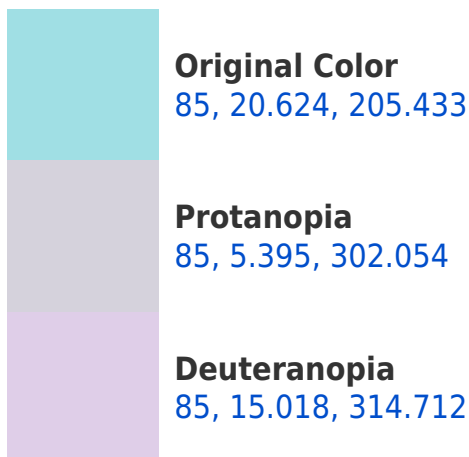


This preview shows how white text looks on a background with the CIELCh color 85, 20.624, 205.433.

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



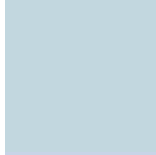


Tritanopia
85, 20.564, 224.227

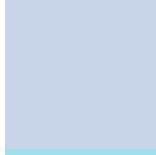
Trichromacy



Original Color
85, 20.624, 205.433



Protanomaly
85, 8.317, 229.526



Deuteranomaly
85, 10.730, 268.467

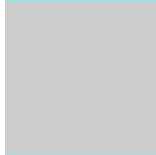


Tritanomaly
85, 20.260, 218.072

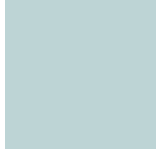
Monochromacy



Original Color
85, 20.624, 205.433



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 8.086, 202.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.624, 205.433 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(160, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(160, 223, 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(160, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 223, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.624, 205.433 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(160, 223, 228) }
```

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

```
.border{ border-color:rgb(160, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(160, 223,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.624, 205.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 223, 228) }
```

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

```
.background{ background-color: rgb(160,  
223, 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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