

Converting Colors

CIELCh(85, 20.039, 205.685)

Have a look what the booklet for
CIELCh(85, 20.039, 205.685)
contains.

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Color

CIELCh(85, 20.047, 205.684)

Conversions

Conversions Part 1

Format	Color
Hex	A2DFE4
RGB	162, 223, 228
RGB Percent	64%, 87%, 89%
CMY	0.3650, 0.1258, 0.1062
CMYK	0.29, 0.02, 0.00, 0.11
HSL	185°, 55%, 76%
HSV	185°, 29%, 89%
XYZ	55.2467, 66.0070, 83.1739
YIQ	205.3310, -37.9610, -11.3770

Conversions

Conversions Part 2

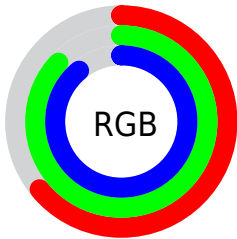
Format	Color
R _Y B	162, 194, 228
Decimal	10674148
CIE Lab	85.00, -18.07, -8.69
CIE LCh	85, 20.047, 205.684
Yxy	66.0070, 0.2703, 0.3229
Android (android.graphics.Color)	4288864228 (0xFFA2DFE4)
YUV	205.3310, 11.1758, -38.0013
Hunter-Lab	81.2447, -20.7975, -3.8266

Details

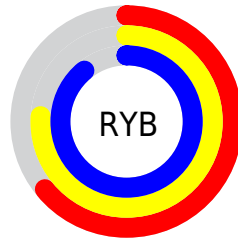
The CIELCh color **85, 20.047, 205.684** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 24.609, 27.708**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **65, 20.078, 205.803** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.831, 205.675**, and if you desaturate by 10%, it is **87, 13.601, 205.806**.

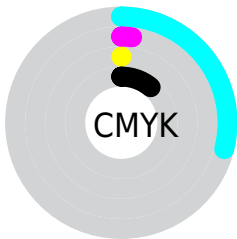
Distribution



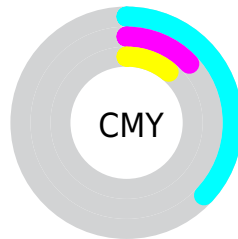
- Red (64%)
- Green (87%)
- Blue (89%)



- Red (64%)
- Yellow (76%)
- Blue (89%)



- Cyan (29%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)





- Cyan (37%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 20.047, 205.684 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, 20.047, 205.684 by changing the saturation by 10% instead.


 85, 20.047,
205.684

 85, 20.047,
205.684

 100, 20.047,
205.684


 75, 20.047,
205.684

 65, 20.047,
205.684

 55, 20.047,
205.684

 45, 20.047,
205.684

 35, 20.047,
205.684

 25, 20.047,
205.684

 15, 20.047,

205.684

■ 5, 20.047, 205.684

■ 0, 20.047, 205.684

■ 85, 20.047,
205.684

■ 85, 20.047,
205.684

■ 83, 25.831,
205.675

■ 87, 13.601,
205.806

■ 82, 30.830,
205.811

■ 89, 6.616, 206.058

■ 81, 34.939,
206.113

■ 91, 0.790, 25.465

■ 80, 38.081,
206.609

■ 93, 8.513, 26.502

■ 79, 40.229,

■ 94, 8.731, 32.199

■ 94, 8.364, 38.972

207.326

94, 8.124, 46.250

78, 41.421,
208.290

95, 8.024, 53.831

77, 41.817,
209.497

95, 8.067, 61.459

77, 41.842,
209.628

Harmonies

Complementary

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



85, 20.047, 205.684



74, 24.609, 27.708

Rectangle

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



85, 20.047, 205.684



85, 20.047, 255.684



85, 20.047, 25.684



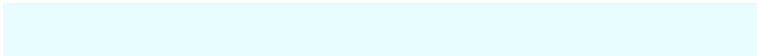
85, 20.047, 75.684

Sweetspot

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



85, 20.047, 205.680



98, 7.281, 206.054



85, 40.354, 144.227



52, 5.039, 206.007



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, 20.047, 205.680



93, 25.857, 205.661



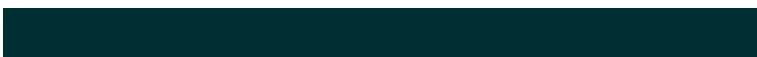
76, 21.838, 266.882



47, 4.214, 206.041



62, 34.893, 209.397



17, 14.820, 207.210

Inverse Universe

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



75, 40.125, 328.205



79, 52.923, 328.563



82, 22.906, 78.491



45, 7.887, 327.065



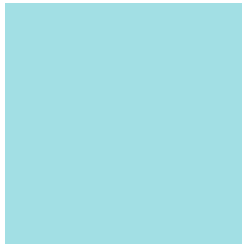
42, 83.340, 331.486



8, 35.294, 330.949

Previews

White Background



This preview shows how the CIE LCh color 85, 20.047, 205.684 looks on a white background.

Color Contrast Check

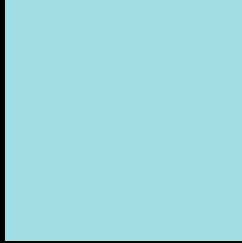
Large Text (above 18pt) WCAG AA × Fail

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, 20.047, 205.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

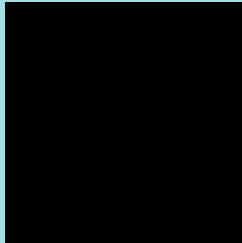
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

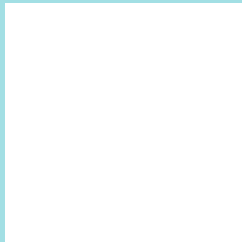
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 20.047, 205.684

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.047, 205.684.

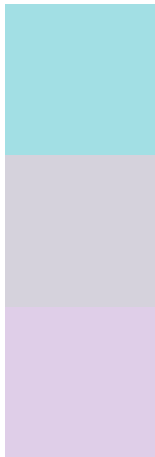


This preview shows how white text looks on a background with the CIELCh color 85, 20.047, 205.684.

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
85, 20.047, 205.684

Protanopia
85, 5.395, 302.054

Deuteranopia
85, 15.018, 314.712

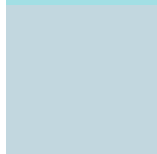


Tritanopia
85, 20.239, 226.422

Trichromacy



Original Color
85, 20.047, 205.684



Protanomaly
85, 8.317, 229.526



Deuteranomaly
85, 10.613, 270.172

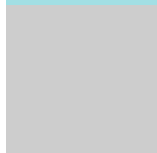


Tritanomaly
85, 19.989, 218.368

Monochromacy



Original Color
85, 20.047, 205.684



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, 20.047, 205.684 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(162, 223, 228)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 223, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.047, 205.684 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(162, 223, 228) }
```

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

```
.border{ border-color:rgb(162, 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(162, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 223, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 223, 228); box-shadow:4px 4px 4px 4px rgb(162, 223, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.047, 205.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 223, 228) }
```

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

```
.background{ background-color: rgb(162,  
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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