

Converting Colors

CIELCh(84, 22.179, 201.071)

Have a look what the booklet for
CIELCh(84, 22.179, 201.071)
contains.

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Color

CIELCh(84, 22.096, 202.059)

Conversions

Conversions Part 1

Format	Color
Hex	99DDE0
RGB	153, 221, 224
RGB Percent	60%, 87%, 88%
CMY	0.3989, 0.1322, 0.1204
CMYK	0.32, 0.01, 0.00, 0.12
HSL	183°, 54%, 74%
HSV	183°, 32%, 88%
XYZ	52.6194, 64.0658, 80.3216
YIQ	201.0100, -41.4910, -13.4830

Conversions

Conversions Part 2

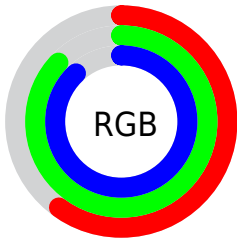
Format	Color
R _{YB}	153, 188, 224
Decimal	10083808
CIE Lab	84.00, -20.48, -8.30
CIE LCh	84, 22.096, 202.059
Yxy	64.0658, 0.2671, 0.3252
Android (android.graphics.Color)	4288273888 (0xFF99DDE0)
YUV	201.0100, 11.3341, -42.1048
Hunter-Lab	80.0411, -22.7253, -3.4690

Details

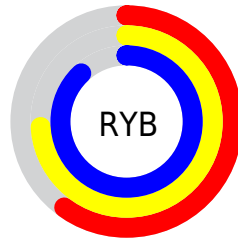
The CIELCh color **84, 22.096, 202.059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 27.636, 25.266**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **64, 22.047, 201.966** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.794, 201.882**, and if you desaturate by 10%, it is **85, 15.693, 202.323**.

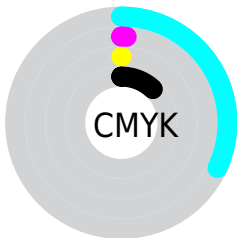
Distribution



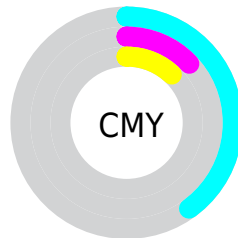
- Red (60%)
- Green (87%)
- Blue (88%)



- Red (60%)
- Yellow (74%)
- Blue (88%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)





- Cyan (40%)
- Magenta (13%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 22.096, 202.059 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 84, 22.096, 202.059 by changing the saturation by 10% instead.


 84, 22.096,
202.059


 84, 22.096,
202.059


 100, 22.096,
202.059


 74, 22.096,
202.059

 64, 22.096,
202.059

 54, 22.096,
202.059

 44, 22.096,
202.059

 34, 22.096,
202.059

 24, 22.096,
202.059

 14, 22.096,

202.059

■ 4, 22.096, 202.059

■ 0, 22.096, 202.059

■ 84, 22.096,
202.059

■ 84, 22.096,
202.059

■ 83, 27.794,
201.882

■ 85, 15.693,
202.323

■ 82, 32.667,
201.815

■ 87, 8.709, 202.685

■ 81, 36.618,
201.870

■ 89, 1.268, 203.483

■ 80, 39.585,
202.060

■ 91, 6.518, 23.350

■ 79, 41.562,

■ 92, 10.644, 24.888

■ 92, 10.353, 27.691

202.397

93, 10.088, 30.648

79, 42.606,
202.889

93, 9.853, 33.756

78, 42.933,
203.400

93, 9.648, 37.005

Harmonies

Complementary

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



84, 22.096, 202.059



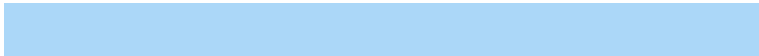
71, 27.636, 25.266

Rectangle

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



84, 22.096, 202.059



84, 22.096, 252.059



84, 22.096, 22.059



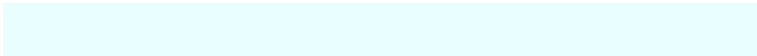
84, 22.096, 72.059

Sweetspot

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



84, 22.096, 202.055



98, 7.514, 202.800



83, 44.513, 143.068



52, 5.201, 202.733



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 22.096, 202.055



93, 28.594, 201.929



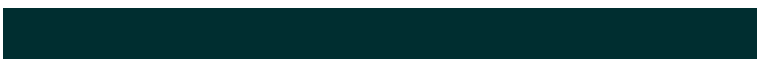
75, 22.694, 264.075



46, 4.269, 202.782



63, 35.842, 203.282



17, 14.851, 202.099

Inverse Universe

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



72, 44.237, 327.352



78, 58.597, 327.710



79, 24.341, 74.865



44, 7.923, 326.095



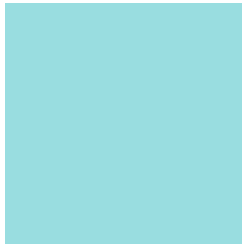
41, 84.653, 329.977



8, 34.928, 329.674

Previews

White Background



This preview shows how the CIE LCh color 84, 22.096, 202.059 looks on a white background.

Color Contrast Check

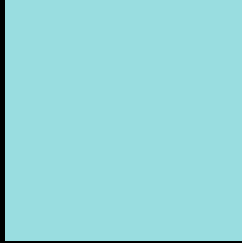
Large Text (above 18pt) WCAG AA × Fail

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 84, 22.096, 202.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

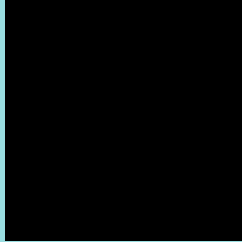
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 22.096, 202.059

Background



This preview shows how black text looks on a background with the CIELCh color 84, 22.096, 202.059.

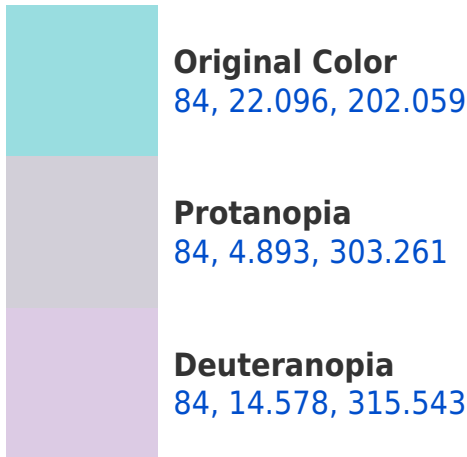


This preview shows how white text looks on a background with the CIELCh color 84, 22.096, 202.059.

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



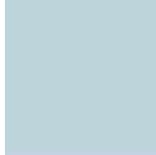


Tritanopia
84, 21.764, 224.259

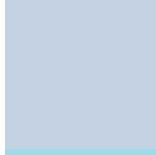
Trichromacy



Original Color
84, 22.096, 202.059



Protanomaly
83, 8.711, 224.132



Deuteranomaly
84, 10.081, 262.399

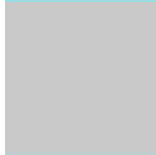


Tritanomaly
84, 21.518, 215.316

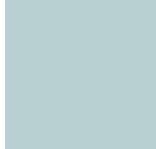
Monochromacy



Original Color
84, 22.096, 202.059



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 8.451, 202.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 22.096, 202.059 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(153, 221, 224)` looks like.

```
.text, #text, p{  
    color:rgb(153, 221, 224)  
}
```

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(153, 221, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 221, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 22.096, 202.059 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(153, 221, 224) }
```

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

```
.border{ border-color:rgb(153, 221, 224) }
```

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

Here you see how a box with a 4 pixel rgb(153, 221, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 221, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 221, 224);  
box-shadow:4px 4px 4px 4px rgb(153, 221,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 22.096, 202.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 221, 224) }
```

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

```
.background{ background-color: rgb(153,  
221, 224) }
```

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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