

Converting Colors

CIELCh(82, 26.694, 200.905)

Have a look what the booklet for
CIELCh(82, 26.694, 200.905)
contains.

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Color

CIELCh(82, 26.708, 201.032)

Conversions

Conversions Part 1

Format	Color
Hex	85DADD
RGB	133, 218, 221
RGB Percent	52%, 85%, 87%
CMY	0.4787, 0.1454, 0.1336
CMYK	0.40, 0.01, 0.00, 0.13
HSL	182°, 56%, 69%
HSV	182°, 40%, 87%
XYZ	47.7519, 60.2982, 77.4738
YIQ	192.9270, -51.6230, -17.0870

Conversions

Conversions Part 2

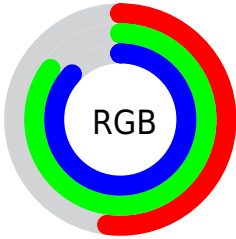
Format	Color
RYB	133, 176, 221
Decimal	8772317
CIELab	82.00, -24.93, -9.59
CIElCh	82, 26.708, 201.032
Yxy	60.2982, 0.2574, 0.3250
Android (android.graphics.Color)	4286962397 (0xFF85DADD)
YUV	192.9270, 13.8400, -52.5560
Hunter-Lab	77.6519, -26.1225, -4.7977

Details

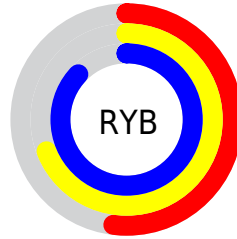
The CIELCh color **82, 26.708, 201.032** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 35.663, 25.661**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **62, 26.854, 200.779** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.726, 200.888**, and if you desaturate by 10%, it is **83, 20.892, 201.266**.

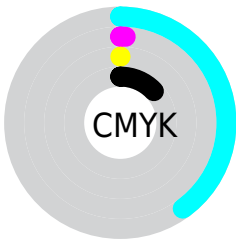
Distribution



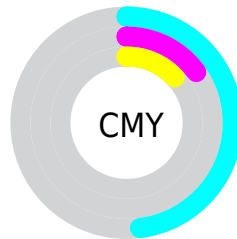
- Red (52%)
- Green (85%)
- Blue (87%)



- Red (52%)
- Yellow (69%)
- Blue (87%)



- Cyan (40%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)





- Cyan (48%)
- Magenta (15%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.708, 201.032 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 82, 26.708, 201.032 by changing the saturation by 10% instead.


 82, 26.708,
201.032


 82, 26.708,
201.032


 100, 26.708,
201.032


 72, 26.708,
201.032

 62, 26.708,
201.032

 52, 26.708,
201.032

 42, 26.708,
201.032

 32, 26.708,
201.032

 22, 26.708,
201.032

 12, 26.708,

201.032

■ 2, 26.708, 201.032

■ 0, 26.708, 201.032

■ 82, 26.708,
201.032

■ 82, 26.708,
201.032

■ 81, 31.726,
200.888

■ 83, 20.892,
201.266

■ 80, 35.845,
200.855

■ 85, 14.398,
201.588

■ 79, 38.999,
200.939

■ 86, 7.351, 202.004

■ 79, 41.169,
201.152

■ 88, 0.130, 17.734

■ 90, 7.932, 22.747

■ 78, 42.401,

201.499

91, 12.011, 23.925

78, 42.885,
201.964

91, 11.768, 25.863

78, 42.892,
201.972

92, 11.539, 27.879

92, 11.326, 29.975

Harmonies

Complementary

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



82, 26.708, 201.032



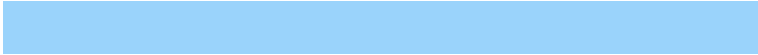
65, 35.663, 25.661

Rectangle

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



82, 26.708, 201.032



82, 26.708, 251.032



82, 26.708, 21.032



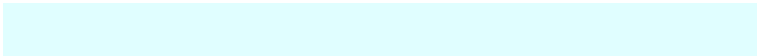
82, 26.708, 71.032

Sweetspot

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



82, 26.708, 201.029



98, 10.017, 201.899



81, 55.015, 142.281



52, 6.620, 201.841



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 26.708, 201.029



92, 34.608, 200.902



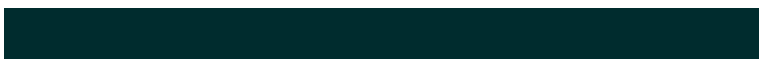
70, 28.117, 265.893



45, 4.223, 202.024



62, 35.823, 201.877



16, 14.498, 200.891

Inverse Universe

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



67, 54.875, 327.549



73, 73.224, 327.979



76, 30.763, 73.784



43, 7.818, 325.866



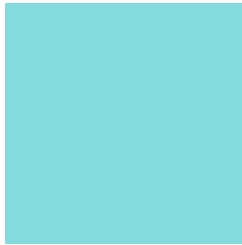
41, 84.280, 329.627



7, 33.750, 329.312

Previews

White Background



This preview shows how the CIELCh color 82, 26.708, 201.032 looks on a white background.

Color Contrast Check

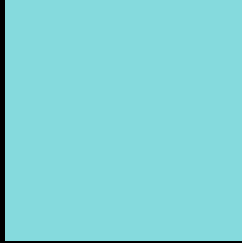
Large Text (above 18pt) WCAG AA × Fail

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 82, 26.708, 201.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

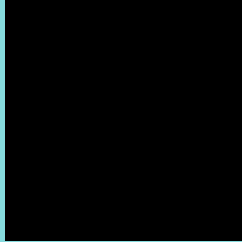
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.708, 201.032

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.708, 201.032.

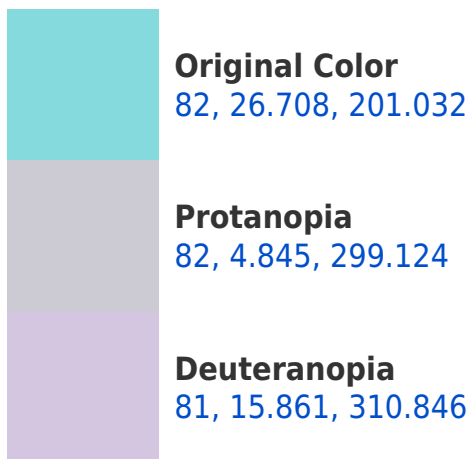


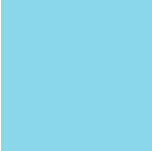
This preview shows how white text looks on a background with the CIELCh color 82, 26.708, 201.032.

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



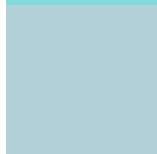


Tritanopia
82, 25.802, 218.475

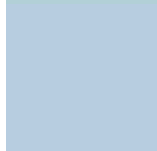
Trichromacy



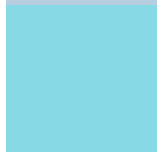
Original Color
82, 26.708, 201.032



Protanomaly
82, 10.888, 218.779



Deuteranomaly
81, 12.384, 253.882

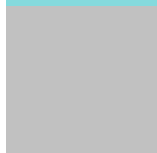


Tritanomaly
82, 25.913, 212.083

Monochromacy



Original Color
82, 26.708, 201.032



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.853, 201.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.708, 201.032 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(133, 218, 221)` looks like.

```
.text, #text, p{  
    color:rgb(133, 218, 221)  
}
```

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(133, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 218, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.708, 201.032 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(133, 218, 221) }
```

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

```
.border{ border-color:rgb(133, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(133, 218,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.708, 201.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 218, 221) }
```

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

```
.background{ background-color: rgb(133,  
218, 221) }
```

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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