

Converting Colors

CIELCh(82, 26.556, 202.758)

Have a look what the booklet for
CIELCh(82, 26.556, 202.758)
contains.

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Color

CIELCh(82, 26.660, 202.202)

Conversions

Conversions Part 1

Format	Color
Hex	85DADE
RGB	133, 218, 222
RGB Percent	52%, 85%, 87%
CMY	0.4791, 0.1457, 0.1300
CMYK	0.40, 0.02, 0.00, 0.13
HSL	183°, 57%, 70%
HSV	183°, 40%, 87%
XYZ	47.8404, 60.2982, 78.1120
YIQ	193.0410, -51.9440, -16.7760

Conversions

Conversions Part 2

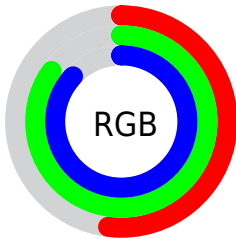
Format	Color
RYB	133, 176, 222
Decimal	8772318
CIELab	82.00, -24.68, -10.07
CIELCh	82, 26.660, 202.202
Yxy	60.2982, 0.2569, 0.3237
Android (android.graphics.Color)	4286962398 (0xFF85DADE)
YUV	193.0410, 14.2768, -52.6560
Hunter-Lab	77.6519, -25.9191, -5.2849

Details

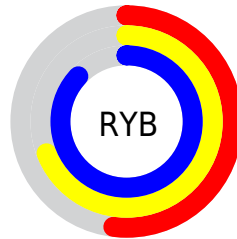
The CIELCh color **82, 26.660, 202.202** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 35.749, 26.486**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **62, 26.781, 202.023** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.610, 202.133**, and if you desaturate by 10%, it is **83, 20.912, 202.373**.

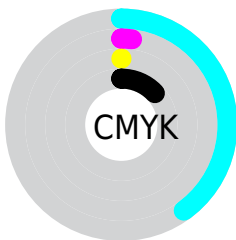
Distribution



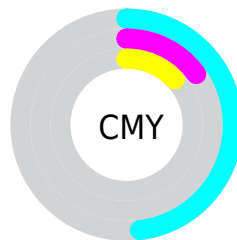
- Red (52%)
- Green (85%)
- Blue (87%)



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



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.660, 202.202 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, 26.660, 202.202 by changing the saturation by 10% instead.


 82, 26.660,
202.202


 82, 26.660,
202.202


 100, 26.660,
202.202


 72, 26.660,
202.202

 62, 26.660,
202.202

 52, 26.660,
202.202

 42, 26.660,
202.202

 32, 26.660,
202.202

 22, 26.660,
202.202

 12, 26.660,

202.202

■ 2, 26.660, 202.202

■ 0, 26.660, 202.202

■ 82, 26.660,
202.202

■ 82, 26.660,
202.202

■ 81, 31.610,
202.133

■ 83, 20.912,
202.373

■ 80, 35.662,
202.190

■ 85, 14.485,
202.641

■ 79, 38.747,
202.384

■ 87, 7.504, 203.009

■ 78, 40.849,
202.730

■ 88, 0.090, 210.008

■ 90, 7.651, 23.673

■ 78, 42.014,

203.236

92, 11.506, 25.229

77, 42.438,
203.878

92, 11.201, 27.963

92, 10.924, 30.843

92, 10.676, 33.864

Harmonies

Complementary

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



82, 26.660, 202.202



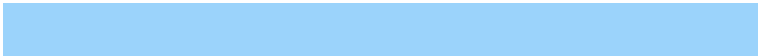
66, 35.749, 26.486

Rectangle

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



82, 26.660, 202.202



82, 26.660, 252.202



82, 26.660, 22.202



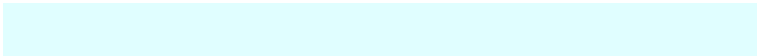
82, 26.660, 72.202

Sweetspot

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



82, 26.660, 202.199



98, 9.911, 202.926



81, 55.581, 142.250



52, 6.550, 202.875



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, 26.660, 202.199



92, 34.228, 202.136



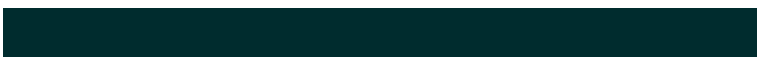
70, 28.411, 265.964



45, 4.179, 203.040



62, 35.341, 203.747



15, 14.331, 202.409

Inverse Universe

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



67, 55.033, 327.887



73, 72.696, 328.311



76, 31.107, 73.745



43, 7.760, 326.171



41, 83.568, 330.093



7, 33.495, 329.691

Previews

White Background



This preview shows how the CIE LCh color 82, 26.660, 202.202 looks on a white background.

Color Contrast Check

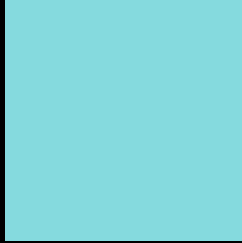
Large Text (above 18pt) WCAG AA × Fail

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, 26.660, 202.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

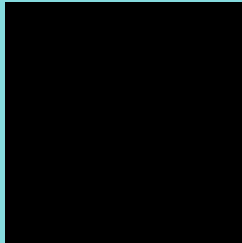
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.660, 202.202

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.660, 202.202.

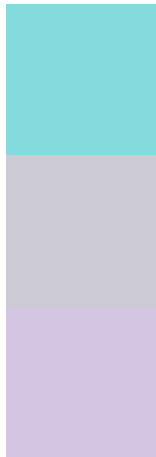


This preview shows how white text looks on a background with the CIELCh color 82, 26.660, 202.202.

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](#).

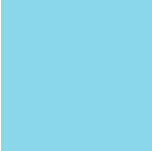
Dichromacy



Original Color
82, 26.660, 202.202

Protanopia
82, 5.370, 298.316

Deuteranopia
82, 16.361, 310.236

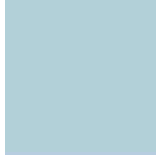


Tritanopia
82, 25.802, 218.475

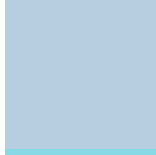
Trichromacy



Original Color
82, 26.660, 202.202



Protanomaly
82, 11.044, 221.458



Deuteranomaly
81, 12.384, 253.882

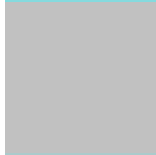


Tritanomaly
82, 25.913, 212.083

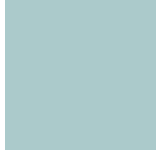
Monochromacy



Original Color
82, 26.660, 202.202



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, 26.660, 202.202 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(133, 218, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 218, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.660, 202.202 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, 222) }
```

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

```
.border{ border-color:rgb(133, 218, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(133, 218,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.660, 202.202 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, 222) }
```

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

```
.background{ background-color: rgb(133,  
218, 222) }
```

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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