

Converting Colors

CIELCh(82, 26.385, 219.507)

Have a look what the booklet for
CIELCh(82, 26.385, 219.507)
contains.

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Color

CIELCh(82, 26.376, 219.234)

Conversions

Conversions Part 1

Format	Color
Hex	86D8EA
RGB	134, 216, 234
RGB Percent	53%, 85%, 92%
CMY	0.4734, 0.1519, 0.0813
CMYK	0.43, 0.08, 0.00, 0.08
HSL	191°, 71%, 72%
HSV	191°, 43%, 92%
XYZ	49.3917, 60.2982, 87.0846
YIQ	193.5340, -54.6500, -11.7860

Conversions

Conversions Part 2

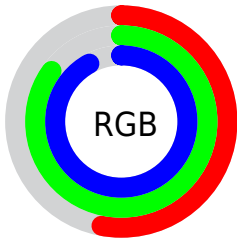
Format	Color
RYB	134, 179, 234
Decimal	8837354
CIELab	82.00, -20.43, -16.68
CIELCh	82, 26.376, 219.234
Yxy	60.2982, 0.2510, 0.3064
Android (android.graphics.Color)	4287027434 (0xFF86D8EA)
YUV	193.5340, 19.9497, -52.2113
Hunter-Lab	77.6519, -22.3532, -12.1358

Details

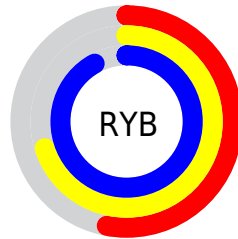
The CIELCh color **82, 26.376, 219.234** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 36.290, 37.726**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.805, 198.137**, and **62, 26.281, 218.980** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.899, 220.336**, and if you desaturate by 10%, it is **84, 21.105, 218.430**.

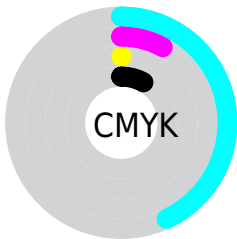
Distribution



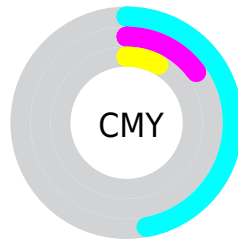
- Red (53%)
- Green (85%)
- Blue (92%)



- Red (53%)
- Yellow (70%)
- Blue (92%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)





- Cyan (47%)
- Magenta (15%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.376, 219.234 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, 26.376, 219.234 by changing the saturation by 10% instead.


 82, 26.376,
219.234


 82, 26.376,
219.234


 100, 26.376,
219.234


 72, 26.376,
219.234

 62, 26.376,
219.234

 52, 26.376,
219.234

 42, 26.376,
219.234

 32, 26.376,
219.234

 22, 26.376,
219.234

 12, 26.376,

219.234

■ 2, 26.376, 219.234

■ 0, 26.376, 219.234

■ 82, 26.376,
219.234

■ 82, 26.376,
219.234

■ 80, 30.899,
220.336

■ 84, 21.105,
218.430

■ 78, 34.587,
221.813

■ 87, 15.196,
217.873

■ 76, 37.388,
223.740

■ 89, 8.759, 217.524

■ 74, 39.310,
226.196

■ 92, 1.901, 217.548

■ 95, 5.283, 36.992

■ 73, 40.444,

229.244

96, 6.089, 57.264

72, 40.939,
231.794

97, 6.719, 80.133

98, 8.179, 96.872

99, 10.108,
107.842

Harmonies

Complementary

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



82, 26.376, 219.234



71, 36.290, 37.726

Rectangle

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



82, 26.376, 219.234



82, 26.376, 269.234



82, 26.376, 39.234



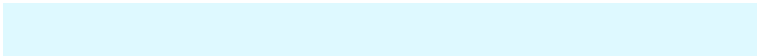
82, 26.376, 89.234

Sweetspot

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



82, 26.376, 219.231



96, 9.607, 217.534



85, 56.167, 145.822



51, 6.680, 217.595



0, 0.000, 0.000



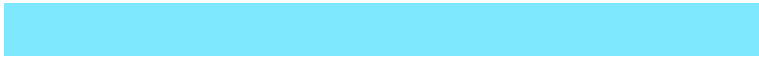
53, 0.007, 296.813

Same Dimension

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



82, 26.376, 219.231



87, 32.300, 220.155



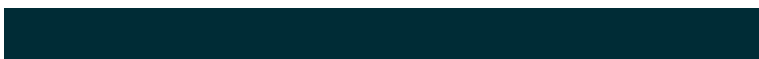
69, 37.485, 278.529



48, 3.962, 217.459



57, 33.729, 231.140



16, 14.425, 225.414

Inverse Universe

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



69, 55.654, 332.593



71, 70.054, 333.183



82, 37.737, 85.492



46, 7.466, 330.394



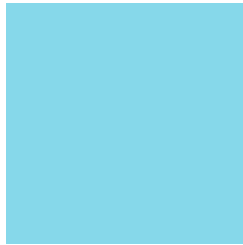
41, 77.692, 336.949



9, 33.942, 335.455

Previews

White Background



This preview shows how the CIELCh color 82, 26.376, 219.234 looks on a white background.

Color Contrast Check

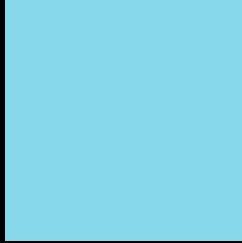
Large Text (above 18pt) WCAG AA × Fail

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, 26.376, 219.234 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, 26.376, 219.234

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.376, 219.234.

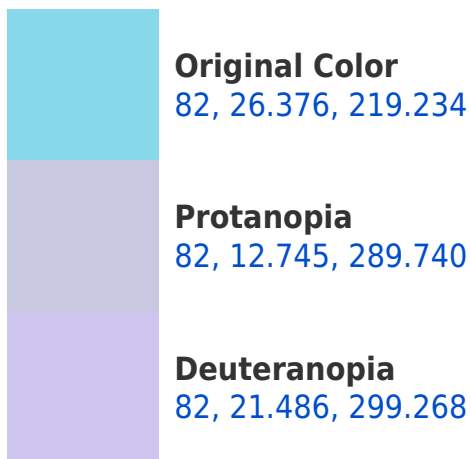


This preview shows how white text looks on a background with the CIELCh color 82, 26.376, 219.234.

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, 26.376, 219.234

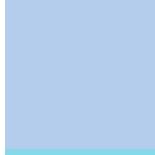
Trichromacy



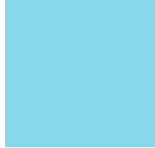
Original Color
82, 26.376, 219.234



Protanomaly
82, 14.953, 247.339



Deuteranomaly
82, 18.617, 265.443

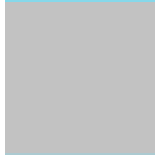


Tritanomaly
82, 26.376, 219.234

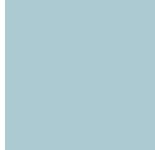
Monochromacy



Original Color
82, 26.376, 219.234



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.931, 218.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.376, 219.234 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(134, 216, 234)` looks like.

```
.text, #text, p{  
    color:rgb(134, 216, 234)  
}
```

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(134, 216, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 216, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.376, 219.234 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(134, 216, 234) }
```

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

```
.border{ border-color:rgb(134, 216, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 216, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 216, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 216, 234);  
box-shadow:4px 4px 4px 4px rgb(134, 216,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.376, 219.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 216, 234) }
```

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

```
.background{ background-color: rgb(134,  
216, 234) }
```

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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