

Converting Colors

CIELCh(82, 27.444, 222.651)

Have a look what the booklet for
CIELCh(82, 27.444, 222.651)
contains.

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Color

CIELCh(82, 27.330, 223.352)

Conversions

Conversions Part 1

Format	Color
Hex	84D8EE
RGB	132, 216, 238
RGB Percent	52%, 85%, 93%
CMY	0.4817, 0.1523, 0.0660
CMYK	0.45, 0.09, 0.00, 0.07
HSL	192°, 76%, 73%
HSV	192°, 45%, 93%
XYZ	49.5973, 60.2982, 90.0430
YIQ	193.3920, -57.1260, -10.9660

Conversions

Conversions Part 2

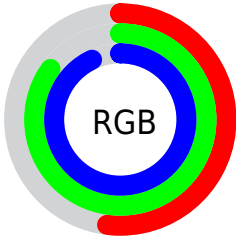
Format	Color
RYB	132, 179, 238
Decimal	8706286
CIELab	82.00, -19.87, -18.76
CIELCh	82, 27.330, 223.352
Yxy	60.2982, 0.2481, 0.3016
Android (android.graphics.Color)	4286896366 (0xFF84D8EE)
YUV	193.3920, 21.9917, -53.8408
Hunter-Lab	77.6519, -21.8805, -14.3947

Details

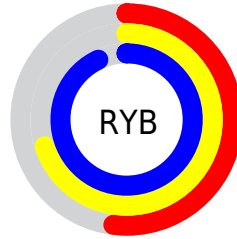
The CIELCh color **82, 27.330, 223.352** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 37.999, 40.298**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **62, 27.281, 223.376** is the 20% darker color. If you saturate the color by 10%, you get **80, 31.781, 224.780**, and if you desaturate by 10%, it is **84, 22.139, 222.276**.

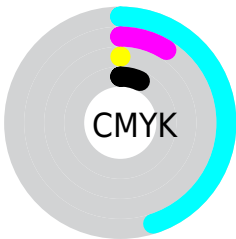
Distribution



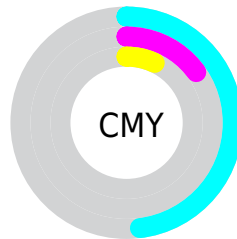
- Red (52%)
- Green (85%)
- Blue (93%)



- Red (52%)
- Yellow (70%)
- Blue (93%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)





- Cyan (48%)
- Magenta (15%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 27.330, 223.352 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, 27.330, 223.352 by changing the saturation by 10% instead.


 82, 27.330,
223.352


 82, 27.330,
223.352


 100, 27.330,
223.352


 72, 27.330,
223.352

 62, 27.330,
223.352

 52, 27.330,
223.352

 42, 27.330,
223.352

 32, 27.330,
223.352

 22, 27.330,
223.352

 12, 27.330,

223.352

■ 2, 27.330, 223.352

■ 0, 27.330, 223.352

■ 82, 27.330,
223.352

■ 82, 27.330,
223.352

■ 80, 31.781,
224.780

■ 84, 22.139,
222.276

■ 78, 35.418,
226.649

■ 87, 16.312,
221.491

■ 76, 38.203,
229.046

■ 90, 9.955, 220.944

■ 74, 40.172,
232.051

■ 93, 3.172, 220.681

■ 96, 3.943, 40.071

■ 72, 41.445,

235.716

97, 5.078, 69.547

71, 41.980,
237.936

99, 6.561, 96.338

100, 8.520,
109.531

Harmonies

Complementary

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



82, 27.330, 223.352



72, 37.999, 40.298

Rectangle

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



82, 27.330, 223.352



82, 27.330, 273.352



82, 27.330, 43.352



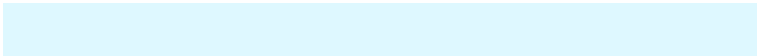
82, 27.330, 93.352

Sweetspot

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



82, 27.329, 223.350



96, 9.468, 220.883



86, 57.803, 146.681



51, 6.585, 220.978



0, 0.000, 0.000



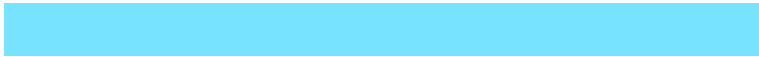
53, 0.007, 296.813

Same Dimension

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



82, 27.329, 223.350



85, 32.901, 224.570



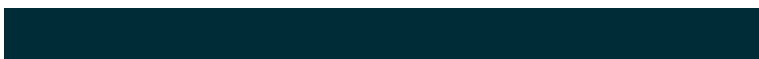
68, 41.476, 281.395



49, 3.973, 220.758



56, 34.468, 237.192



16, 14.874, 230.898

Inverse Universe

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



69, 57.558, 333.785



70, 71.103, 334.433



84, 40.940, 87.911



47, 7.452, 331.362



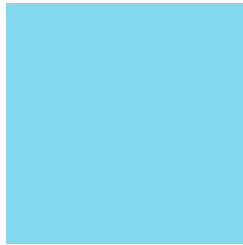
42, 76.897, 338.615



9, 34.299, 336.884

Previews

White Background



This preview shows how the CIE LCh color 82, 27.330, 223.352 looks on a white background.

Color Contrast Check

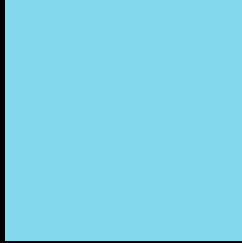
Large Text (above 18pt) WCAG AA × Fail

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, 27.330, 223.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

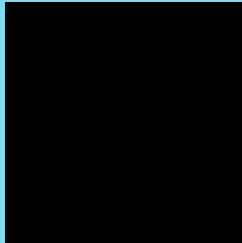
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.330, 223.352

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.330, 223.352.



This preview shows how white text looks on a background with the CIELCh color 82, 27.330, 223.352.

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



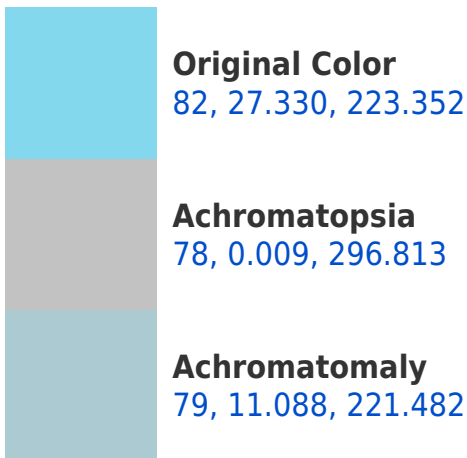


Tritanopia
82, 27.203, 217.273

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.330, 223.352 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(132, 216, 238)` looks like.

```
.text, #text, p{  
    color:rgb(132, 216, 238)  
}
```

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(132, 216, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 216, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.330, 223.352 is called "border". The border property can be set on classes, ids or directly on the HTML element.

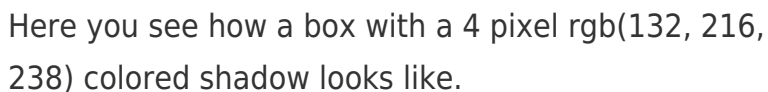
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 216, 238) }
```

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

```
.border{ border-color:rgb(132, 216, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(132, 216, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 216, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 216, 238); box-shadow:4px 4px 4px 4px rgb(132, 216, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.330, 223.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 216, 238) }
```

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

```
.background{ background-color: rgb(132,  
216, 238) }
```

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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