

Converting Colors

CIELCh(82, 26.269, 197.689)

Have a look what the booklet for
CIELCh(82, 26.269, 197.689)
contains.

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Color

CIELCh(82, 26.391, 197.588)

Conversions

Conversions Part 1

Format	Color
Hex	87DADA
RGB	135, 218, 218
RGB Percent	53%, 85%, 85%
CMY	0.4709, 0.1454, 0.1454
CMYK	0.38, 0.00, 0.00, 0.15
HSL	180°, 53%, 69%
HSV	180°, 38%, 85%
XYZ	47.6696, 60.2982, 75.3961
YIQ	193.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

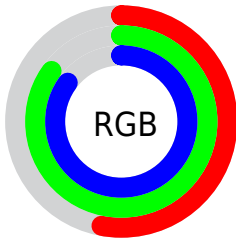
Format	Color
RYB	135, 177, 218
Decimal	8903386
CIELab	82.00, -25.16, -7.97
CIElCh	82, 26.391, 197.588
Yxy	60.2982, 0.2600, 0.3288
Android (android.graphics.Color)	4287093466 (0xFF87DADA)
YUV	193.1830, 12.2348, -51.0265
Hunter-Lab	77.6519, -26.3118, -3.2113

Details

The CIELCh color **82, 26.391, 197.588** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 34.524, 23.020**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **62, 26.474, 197.150** is the 20% darker color. If you saturate the color by 10%, you get **81, 31.707, 197.225**, and if you desaturate by 10%, it is **83, 20.289, 198.008**.

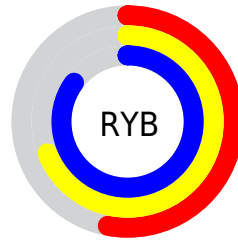
Distribution



Red (53%)

Green (85%)

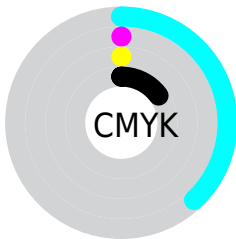
Blue (85%)



Red (53%)

Yellow (69%)

Blue (85%)

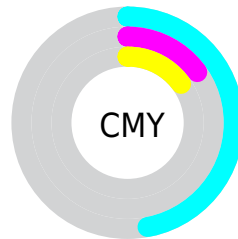


Cyan (38%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (47%)


Magenta (15%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.391, 197.588 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, 26.391, 197.588 by changing the saturation by 10% instead.


 82, 26.391,
197.588

 82, 26.391,
197.588


 100, 26.391,
197.588


 72, 26.391,
197.588

 62, 26.391,
197.588

 52, 26.391,
197.588

 42, 26.391,
197.588

 32, 26.391,
197.588

 22, 26.391,
197.588

 12, 26.391,

197.588

■ 2, 26.391, 197.588

■ 0, 26.391, 197.588

■ 82, 26.391,
197.588

■ 82, 26.391,
197.588

■ 81, 31.707,
197.225

■ 83, 20.289,
198.008

■ 80, 36.135,
196.930

■ 84, 13.522,
198.490

■ 80, 39.606,
196.702

■ 86, 6.217, 199.055

■ 79, 42.099,
196.539

■ 87, 1.504, 19.121

■ 89, 9.529, 20.031

■ 79, 43.652,

196.439

90, 13.712, 20.355

79, 44.403,
196.390

90, 13.712, 20.354

79, 44.509,
196.383

90, 13.712, 20.353

90, 13.712, 20.352

Harmonies

Complementary

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



82, 26.391, 197.588



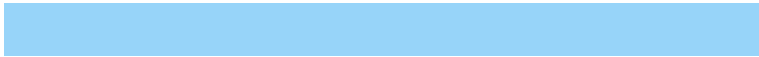
65, 34.524, 23.020

Rectangle

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



82, 26.391, 197.588



82, 26.391, 247.588



82, 26.391, 17.588



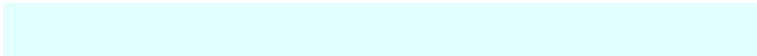
82, 26.391, 67.588

Sweetspot

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



82, 26.391, 197.585



98, 9.531, 198.871



80, 53.007, 141.220



52, 6.380, 198.793



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, 26.391, 197.585



94, 34.763, 197.281



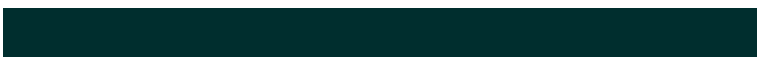
71, 25.168, 259.994



45, 4.371, 198.970



64, 37.532, 196.383



16, 15.074, 196.384

Inverse Universe

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



65, 34.524, 23.020



70, 48.657, 24.438



74, 28.379, 68.946



43, 4.639, 19.930



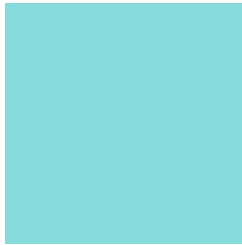
36, 78.234, 39.927



5, 23.840, 20.268

Previews

White Background



This preview shows how the CIE LCh color 82, 26.391, 197.588 looks on a white background.

Color Contrast Check

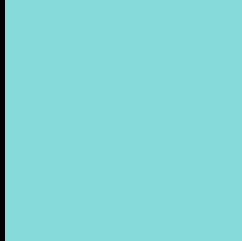
Large Text (above 18pt) WCAG AA × Fail

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, 26.391, 197.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

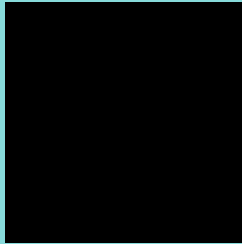
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 26.391, 197.588

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.391, 197.588.

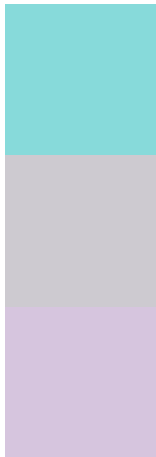


This preview shows how white text looks on a background with the CIELCh color 82, 26.391, 197.588.

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, 26.391, 197.588

Protanopia
82, 3.383, 309.158

Deuteranopia
82, 14.656, 315.556



Tritanopia
82, 25.085, 219.133

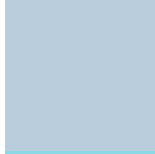
Trichromacy



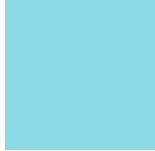
Original Color
82, 26.391, 197.588



Protanomaly
82, 9.915, 211.179



Deuteranomaly
81, 10.775, 251.333

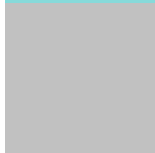


Tritanomaly
82, 25.121, 211.321

Monochromacy



Original Color
82, 26.391, 197.588



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.542, 198.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.391, 197.588 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(135, 218, 218)` looks like.

```
.text, #text, p{  
    color:rgb(135, 218, 218)  
}
```

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(135, 218, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 218, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.391, 197.588 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(135, 218, 218) }
```

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

```
.border{ border-color:rgb(135, 218, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 218, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 218, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 218, 218);  
box-shadow:4px 4px 4px 4px rgb(135, 218,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.391, 197.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 218, 218) }
```

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

```
.background{ background-color: rgb(135,  
218, 218) }
```

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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