

Converting Colors

CIELCh(82, 24.061, 197.741)

Have a look what the booklet for
CIELCh(82, 24.061, 197.741)
contains.

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Color

CIELCh(82, 24.241, 197.729)

Conversions

Conversions Part 1

Format	Color
Hex	8ED9D9
RGB	142, 217, 217
RGB Percent	56%, 85%, 85%
CMY	0.4436, 0.1495, 0.1495
CMYK	0.35, 0.00, 0.00, 0.15
HSL	180°, 50%, 70%
HSV	180°, 35%, 85%
XYZ	48.4178, 60.2982, 74.6408
YIQ	194.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

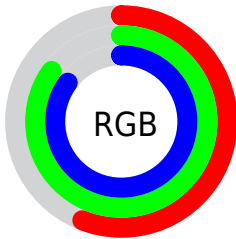
Format	Color
RYB	142, 180, 217
Decimal	9361881
CIELab	82.00, -23.09, -7.38
CIELCh	82, 24.241, 197.729
Yxy	60.2982, 0.2641, 0.3289
Android (android.graphics.Color)	4287551961 (0xFF8ED9D9)
YUV	194.5750, 11.0555, -46.1083
Hunter-Lab	77.6519, -24.5919, -2.6346

Details

The CIELCh color **82, 24.241, 197.729** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 30.842, 22.509**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **62, 24.328, 197.319** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.825, 197.344**, and if you desaturate by 10%, it is **83, 17.916, 198.169**.

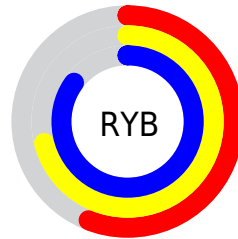
Distribution



Red (56%)

Green (85%)

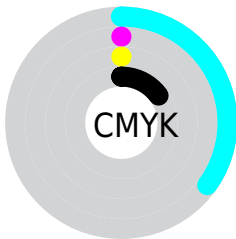
Blue (85%)



Red (56%)

Yellow (71%)

Blue (85%)

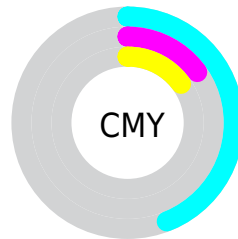


Cyan (35%)

Magenta (0%)

Yellow (0%)

Black (15%)



Cyan (44%)


Magenta (15%)

Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 24.241, 197.729 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, 24.241, 197.729 by changing the saturation by 10% instead.


 82, 24.241,
197.729

 82, 24.241,
197.729


 100, 24.241,
197.729


 72, 24.241,
197.729

 62, 24.241,
197.729

 52, 24.241,
197.729

 42, 24.241,
197.729

 32, 24.241,
197.729

 22, 24.241,
197.729

 12, 24.241,

197.729

■ 2, 24.241, 197.729

■ 0, 24.241, 197.729

■ 82, 24.241,
197.729

■ 82, 24.241,
197.729

■ 81, 29.825,
197.344

■ 83, 17.916,
198.169

■ 80, 34.557,
197.025

■ 84, 10.972,
198.675

■ 80, 38.355,
196.773

■ 86, 3.537, 199.315

■ 79, 41.181,
196.588

■ 88, 4.272, 19.575

■ 89, 12.348, 20.254

■ 79, 43.050,

196.466

90, 14.122, 20.389

79, 44.046,
196.401

90, 14.122, 20.388

79, 44.348,
196.382

90, 14.122, 20.386

90, 14.122, 20.385

Harmonies

Complementary

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



82, 24.241, 197.729



67, 30.842, 22.509

Rectangle

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



82, 24.241, 197.729



82, 24.241, 247.729



82, 24.241, 17.729



82, 24.241, 67.729

Sweetspot

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



82, 24.241, 197.726



98, 8.687, 198.930



80, 48.064, 141.547



52, 5.905, 198.847



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, 24.241, 197.726



94, 31.781, 197.459



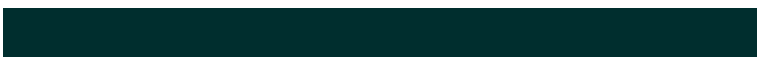
72, 22.841, 259.210



45, 4.371, 198.970



64, 37.532, 196.382



16, 15.074, 196.383

Inverse Universe

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



67, 30.842, 22.509



73, 42.684, 23.540



75, 25.439, 69.377



43, 4.639, 19.929



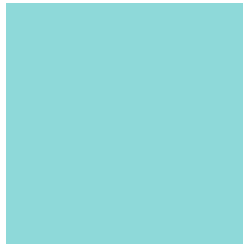
36, 78.234, 39.927



5, 23.840, 20.267

Previews

White Background



This preview shows how the CIE LCh color 82, 24.241, 197.729 looks on a white background.

Color Contrast Check

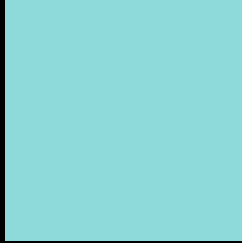
Large Text (above 18pt) WCAG AA × Fail

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, 24.241, 197.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

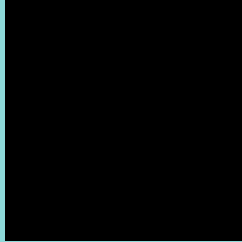
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

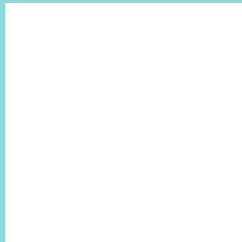
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 24.241, 197.729

Background



This preview shows how black text looks on a background with the CIELCh color 82, 24.241, 197.729.

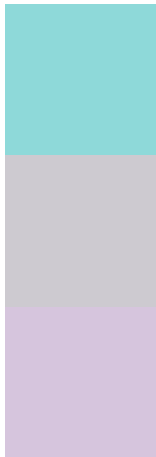


This preview shows how white text looks on a background with the CIELCh color 82, 24.241, 197.729.

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, 24.241, 197.729

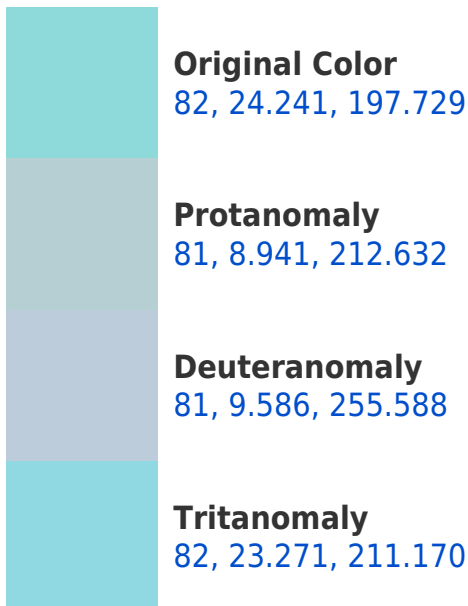
Protanopia
82, 3.383, 309.158

Deuteranopia
82, 14.177, 316.440



Tritanopia
82, 23.132, 221.151

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 24.241, 197.729 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(142, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(142, 217, 217)  
}
```

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(142, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 217, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 24.241, 197.729 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(142, 217, 217) }
```

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

```
.border{ border-color:rgb(142, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(142, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(142, 217,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 24.241, 197.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 217, 217) }
```

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

```
.background{ background-color: rgb(142,  
217, 217) }
```

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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