

Converting Colors

CIELCh(82, 12.337, 205.674)

Have a look what the booklet for
CIELCh(82, 12.337, 205.674)
contains.

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Color

CIELCh(82, 12.427, 203.479)

Conversions

Conversions Part 1

Format	Color
Hex	AFD3D5
RGB	175, 211, 213
RGB Percent	69%, 83%, 84%
CMY	0.3149, 0.1738, 0.1659
CMYK	0.18, 0.01, 0.00, 0.17
HSL	183°, 31%, 76%
HSV	183°, 18%, 83%
XYZ	52.7963, 60.2982, 71.5967
YIQ	200.4640, -22.0980, -7.0100

Conversions

Conversions Part 2

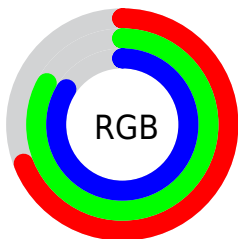
Format	Color
RYB	175, 193, 213
Decimal	11523029
CIELab	82.00, -11.40, -4.95
CIELCh	82, 12.427, 203.479
Yxy	60.2982, 0.2859, 0.3265
Android (android.graphics.Color)	4289713109 (0xFFAFD3D5)
YUV	200.4640, 6.1802, -22.3319
Hunter-Lab	77.6519, -14.5269, -0.3103

Details

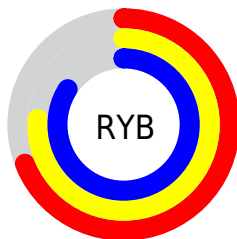
The CIELCh color **82, 12.427, 203.479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.999, 24.906**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **62, 12.230, 203.652** is the 20% darker color. If you saturate the color by 10%, you get **80, 18.725, 203.218**, and if you desaturate by 10%, it is **84, 5.627, 203.840**.

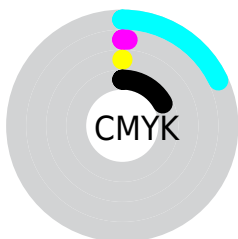
Distribution



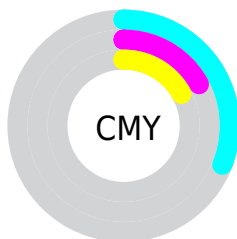
- Red (69%)
- Green (83%)
- Blue (84%)



- Red (69%)
- Yellow (76%)
- Blue (84%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 12.427, 203.479 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, 12.427, 203.479 by changing the saturation by 10% instead.


 82, 12.427,
203.479


 82, 12.427,
203.479


 100, 12.427,
203.479


 72, 12.427,
203.479


 62, 12.427,
203.479

 52, 12.427,
203.479

 42, 12.427,
203.479

 32, 12.427,
203.479

 22, 12.427,
203.479

 12, 12.427,

203.479

■ 2, 12.427, 203.479

■ 0, 12.427, 203.479

■ 82, 12.427,
203.479

■ 82, 12.427,
203.479

■ 80, 18.725,
203.218

■ 84, 5.627, 203.840

■ 86, 1.566, 23.735

■ 79, 24.400,
203.064

■ 88, 9.050, 24.459

■ 78, 29.337,
203.022

■ 89, 14.919, 25.343

■ 77, 33.432,
203.108

■ 90, 14.572, 27.692

■ 90, 14.250, 30.152

■ 76, 36.611,

203.340

90, 13.957, 32.720

75, 38.844,
203.736

90, 13.693, 35.393

75, 40.158,
204.310

91, 13.461, 38.164

74, 40.676,
205.061

74, 40.744,
205.231

Harmonies

Complementary

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



82, 12.427, 203.479



75, 13.999, 24.906

Rectangle

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



82, 12.427, 203.479



82, 12.427, 253.479



82, 12.427, 23.479



82, 12.427, 73.479

Sweetspot

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



82, 12.428, 203.472



99, 4.174, 203.995



82, 23.796, 144.673



53, 2.843, 203.950



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, 12.428, 203.472



96, 16.745, 203.376



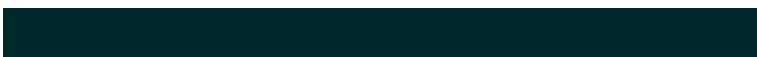
77, 12.521, 263.214



44, 4.069, 203.770



61, 34.641, 205.089



14, 13.742, 203.399

Inverse Universe

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



76, 23.781, 326.874



87, 32.413, 327.065



80, 12.929, 78.338



42, 7.572, 326.387



40, 82.169, 330.426



6, 31.719, 329.812

Previews

White Background



This preview shows how the CIE LCh color 82, 12.427, 203.479 looks on a white background.

Color Contrast Check

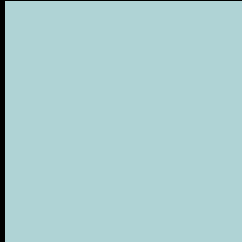
Large Text (above 18pt) WCAG AA × Fail

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, 12.427, 203.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

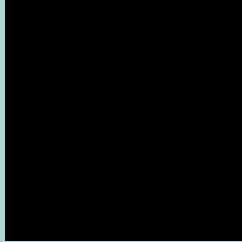
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

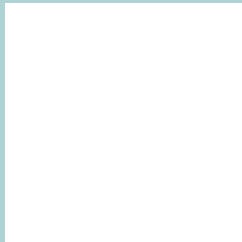
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 12.427, 203.479

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.427, 203.479.

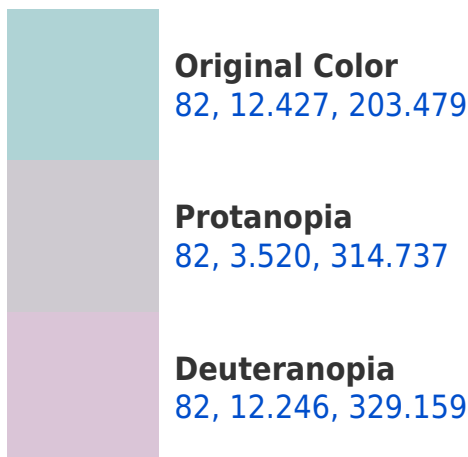


This preview shows how white text looks on a background with the CIELCh color 82, 12.427, 203.479.

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, 13.497, 237.924

Trichromacy



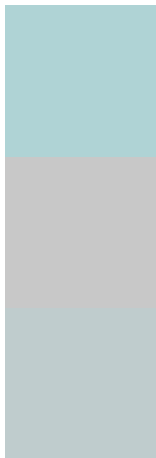
Original Color
82, 12.427, 203.479

Protanomaly
82, 4.399, 236.428

Deuteranomaly
82, 6.373, 290.747

Tritanomaly
82, 12.763, 226.004

Monochromacy



Original Color
82, 12.427, 203.479

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.673, 205.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.427, 203.479 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(175, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 213)  
}
```

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(175, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.427, 203.479 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(175, 211, 213) }
```

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

```
.border{ border-color:rgb(175, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(175, 211,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.427, 203.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 213) }
```

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

```
.background{ background-color: rgb(175,  
211, 213) }
```

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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