

Converting Colors

CIELCh(82, 16.299, 230.084)

Have a look what the booklet for
CIELCh(82, 16.299, 230.084)
contains.

CIELCh(82, 16.294, 230.102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 16.294, 230.102)

Conversions

Conversions Part 1

Format	Color
Hex	A8D3E3
RGB	168, 211, 227
RGB Percent	66%, 83%, 89%
CMY	0.3421, 0.1735, 0.1108
CMYK	0.26, 0.07, 0.00, 0.11
HSL	196°, 51%, 77%
HSV	196°, 26%, 89%
XYZ	53.1620, 60.2982, 81.3311
YIQ	199.9670, -30.7640, -4.1400

Conversions

Conversions Part 2

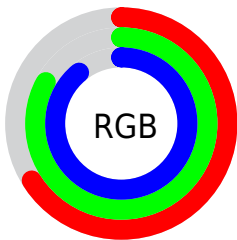
Format	Color
RYB	168, 193, 227
Decimal	11064291
CIELab	82.00, -10.45, -12.50
CIELCh	82, 16.294, 230.102
Yxy	60.2982, 0.2729, 0.3096
Android (android.graphics.Color)	4289254371 (0xFFA8D3E3)
YUV	199.9670, 13.3273, -28.0351
Hunter-Lab	77.6519, -13.6863, -7.7428

Details

The CIELCh color `82, 16.294, 230.102` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `78, 19.181, 46.759`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 10.500, 198.806`, and `62, 16.485, 231.609` is the 20% darker color. If you saturate the color by 10%, you get `79, 21.822, 231.341`, and if you desaturate by 10%, it is `85, 10.313, 229.149`.

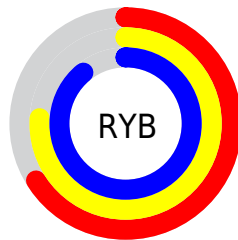
Distribution



Red (66%)

Green (83%)

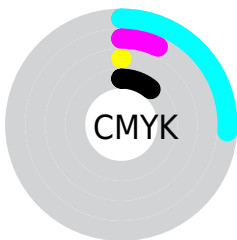
Blue (89%)



Red (66%)

Yellow (76%)

Blue (89%)

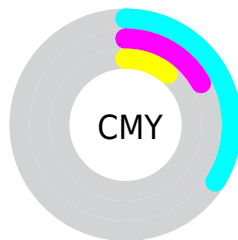


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 16.294, 230.102 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, 16.294, 230.102 by changing the saturation by 10% instead.

■ 82, 16.294,
230.102

■ 82, 16.294,
230.102

■ 100, 16.294,
230.102

■ 72, 16.294,
230.102

■ 62, 16.294,
230.102

■ 52, 16.294,
230.102

■ 42, 16.294,
230.102

■ 32, 16.294,
230.102

■ 22, 16.294,
230.102

■ 12, 16.294,

230.102

■ 2, 16.294, 230.102

■ 0, 16.294, 230.102

■ 82, 16.294,
230.102

■ 82, 16.294,
230.102

■ 79, 21.822,
231.341

■ 85, 10.313,
229.149

■ 76, 26.811,
232.947

■ 88, 3.966, 228.494

■ 74, 31.185,
235.001

■ 91, 2.670, 47.570

■ 71, 34.895,
237.594

■ 94, 8.404, 51.287

■ 69, 37.940,

■ 96, 8.981, 76.334

■ 98, 10.946, 95.183

240.818

99, 13.699,
107.304

67, 40.388,
244.736

99, 14.292,
109.097

65, 42.394,
249.340

64, 43.169,
251.253

Harmonies

Complementary

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



82, 16.294, 230.102



78, 19.181, 46.759

Rectangle

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



82, 16.294, 230.102



82, 16.294, 280.102



82, 16.294, 50.102



82, 16.294, 100.102

Sweetspot

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



82, 16.294, 230.097



97, 5.775, 228.594



85, 31.247, 150.968



51, 4.090, 228.683



0, 0.000, 0.000



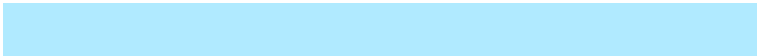
53, 0.007, 296.813

Same Dimension

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



82, 16.294, 230.097



89, 21.006, 230.701



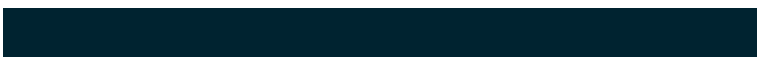
74, 24.752, 281.994



46, 3.683, 228.675



50, 35.496, 250.350



12, 13.903, 241.237

Inverse Universe

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



75, 31.391, 334.944



81, 41.108, 335.339



85, 24.213, 95.201



44, 6.746, 333.741



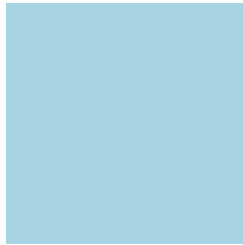
39, 71.266, 342.742



7, 29.931, 339.810

Previews

White Background



This preview shows how the CIE LCh color 82, 16.294, 230.102 looks on a white background.

Color Contrast Check

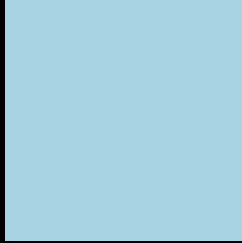
Large Text (above 18pt) WCAG AA × Fail

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, 16.294, 230.102 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, 16.294, 230.102

Background



This preview shows how black text looks on a background with the CIELCh color 82, 16.294, 230.102.



This preview shows how white text looks on a background with the CIELCh color 82, 16.294, 230.102.

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, 16.294, 230.102

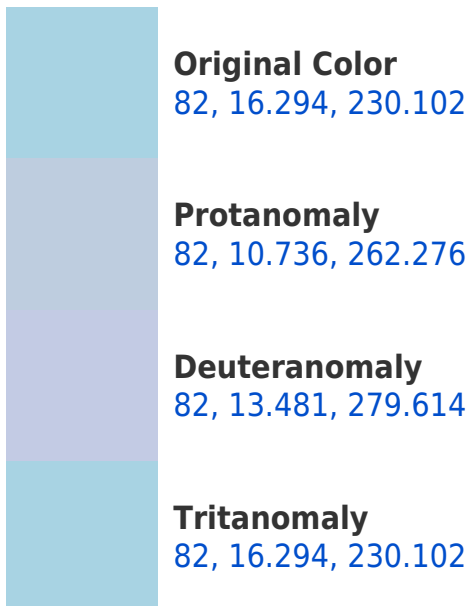
Protanopia
82, 10.084, 291.065

Deuteranopia
82, 17.149, 306.882

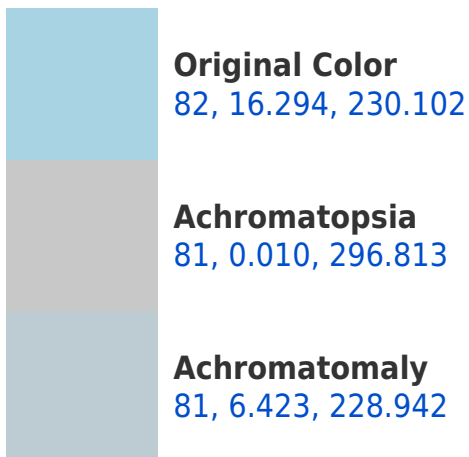


Tritanopia
82, 16.294, 230.102

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 16.294, 230.102 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(168, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 227)  
}
```

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(168, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 16.294, 230.102 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(168, 211, 227) }
```

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

```
.border{ border-color:rgb(168, 211, 227) }
```

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

Here you see how a box with a 4 pixel rgb(168, 211, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(168, 211,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 16.294, 230.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 227) }
```

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

```
.background{ background-color: rgb(168,  
211, 227) }
```

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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