

Converting Colors

CIELCh(79, 11.373, 235.388)

Have a look what the booklet for
CIELCh(79, 11.373, 235.388)
contains.

CIELCh(79, 11.415, 236.502)	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(79, 11.415, 236.502)

Conversions

Conversions Part 1

Format	Color
Hex	ADC8D5
RGB	173, 200, 213
RGB Percent	68%, 78%, 84%
CMY	0.3220, 0.2161, 0.1651
CMYK	0.19, 0.06, 0.00, 0.17
HSL	199°, 32%, 76%
HSV	199°, 19%, 83%
XYZ	49.8350, 54.9284, 70.8528
YIQ	193.4090, -20.2650, -1.6810

Conversions

Conversions Part 2

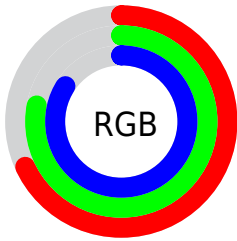
Format	Color
RYB	173, 189, 213
Decimal	11389141
CIELab	79.00, -6.30, -9.52
CIElCh	79, 11.415, 236.502
Yxy	54.9284, 0.2838, 0.3128
Android (android.graphics.Color)	4289579221 (0xFFADC8D5)
YUV	193.4090, 9.6584, -17.8987
Hunter-Lab	74.1137, -9.6733, -4.8017

Details

The CIELCh color `79, 11.415, 236.502` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `77, 12.633, 53.234`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 8.853, 198.921`, and `59, 11.319, 235.846` is the 20% darker color. If you saturate the color by 10%, you get `76, 17.066, 237.797`, and if you desaturate by 10%, it is `82, 5.451, 235.492`.

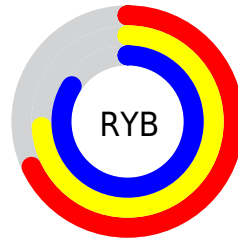
Distribution



Red (68%)

Green (78%)

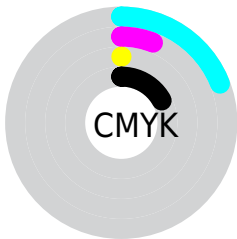
Blue (84%)



Red (68%)

Yellow (74%)

Blue (84%)

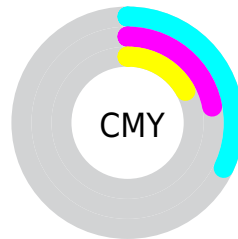


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (32%)


Magenta (22%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 11.415, 236.502 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 79, 11.415, 236.502 by changing the saturation by 10% instead.


 79, 11.415,
236.502

 79, 11.415,
236.502


 100, 11.415,
236.502


 69, 11.415,
236.502


 99, 11.415,
236.502

 59, 11.415,
236.502

 49, 11.415,
236.502

 39, 11.415,
236.502

 29, 11.415,
236.502

 19, 11.415,
236.502

 9, 11.415, 236.502

■ 0, 11.415, 236.502

■ 79, 11.415,
236.502

■ 79, 11.415,
236.502

■ 76, 17.066,
237.797

■ 82, 5.451, 235.492

■ 86, 0.760, 53.879

■ 73, 22.338,
239.444

■ 89, 7.160, 53.813

■ 70, 27.165,
241.509

■ 92, 12.743, 56.141

■ 67, 31.499,
244.079

■ 94, 13.470, 74.688

■ 96, 15.408, 89.841

■ 64, 35.321,
247.242

■ 97, 18.158,
100.923

■ 62, 38.668,
251.062

■ 99, 21.277,

■ 59, 41.641,
255.552

108.566

■ 57, 44.437,
260.555

■ 57, 44.788,
261.152

Harmonies

Complementary

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



79, 11.415, 236.502



77, 12.633, 53.234

Rectangle

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



79, 11.415, 236.502



79, 11.415, 286.502



79, 11.415, 56.502



79, 11.415, 106.502

Sweetspot

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



79, 11.415, 236.494



98, 4.332, 235.286



82, 20.647, 153.558



52, 2.870, 235.331



0, 0.000, 0.000



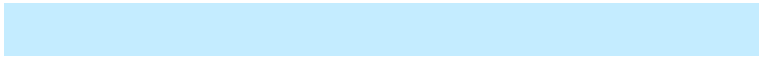
53, 0.007, 296.813

Same Dimension

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



79, 11.415, 236.494



91, 16.011, 237.035



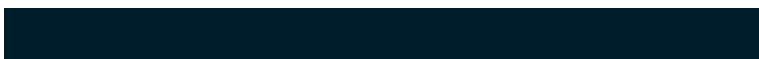
74, 17.819, 283.783



43, 3.534, 235.545



46, 37.691, 260.295



10, 13.515, 249.138

Inverse Universe

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



75, 20.708, 336.648



85, 29.398, 336.998



82, 17.412, 99.251



42, 6.248, 335.935



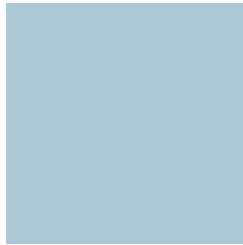
38, 67.409, 346.621



6, 26.015, 342.552

Previews

White Background



This preview shows how the CIELCh color 79, 11.415, 236.502 looks on a white background.

Color Contrast Check

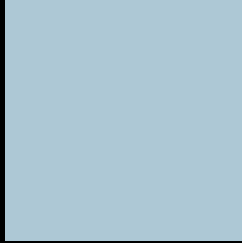
Large Text (above 18pt) WCAG AA × Fail

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 79, 11.415, 236.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

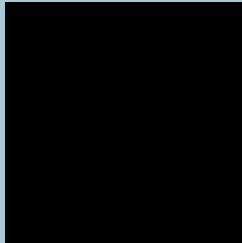
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

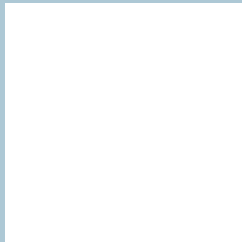
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 11.415, 236.502

Background



This preview shows how black text looks on a background with the CIELCh color 79, 11.415, 236.502.

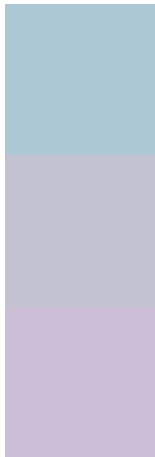


This preview shows how white text looks on a background with the CIELCh color 79, 11.415, 236.502.

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
79, 11.415, 236.502

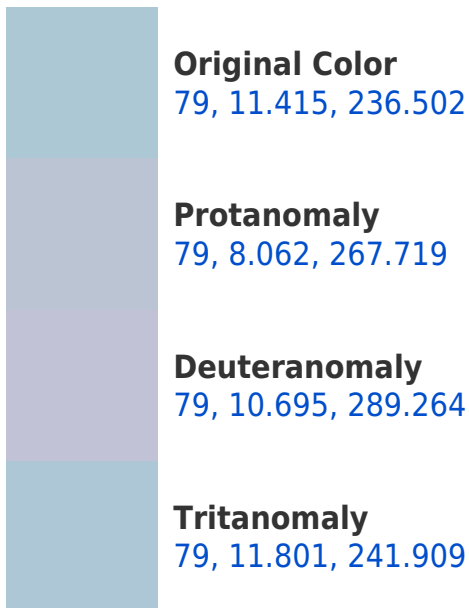
Protanopia
79, 8.036, 293.448

Deuteranopia
79, 14.470, 312.963



Tritanopia
79, 12.141, 243.912

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 11.415, 236.502 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(173, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 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(173, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 11.415, 236.502 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(173, 200, 213) }
```

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

```
.border{ border-color:rgb(173, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 11.415, 236.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 213) }
```

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

```
.background{ background-color: rgb(173,  
200, 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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