

Converting Colors

CIELCh(79, 23.482, 151.496)

Have a look what the booklet for
CIELCh(79, 23.482, 151.496)
contains.

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Color

CIELCh(79, 23.628, 151.626)

Conversions

Conversions Part 1

Format	Color
Hex	A2CEAE
RGB	162, 206, 174
RGB Percent	64%, 81%, 68%
CMY	0.3644, 0.1918, 0.3173
CMYK	0.21, 0.00, 0.16, 0.19
HSL	136°, 31%, 72%
HSV	136°, 21%, 81%
XYZ	44.6529, 54.9284, 48.3315
YIQ	189.1960, -15.9520, -19.2800

Conversions

Conversions Part 2

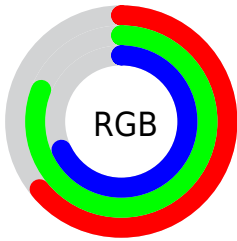
Format	Color
RYB	162, 197, 206
Decimal	10669742
CIELab	79.00, -20.79, 11.23
CIELCh	79, 23.628, 151.626
Yxy	54.9284, 0.3019, 0.3714
Android (android.graphics.Color)	4288859822 (0xFFA2CEAE)
YUV	189.1960, -7.4916, -23.8509
Hunter-Lab	74.1137, -22.1541, 13.2150

Details

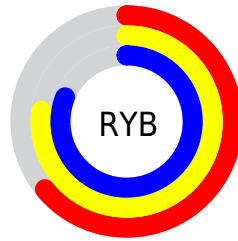
The CIELCh color $79, 23.628, 151.626$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $71, 23.798, 334.652$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 18.589, 154.924$, and $59, 23.618, 151.604$ is the 20% darker color. If you saturate the color by 10%, you get $78, 34.637, 150.692$, and if you desaturate by 10%, it is $81, 12.529, 152.443$.

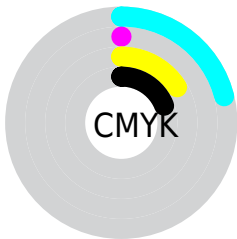
Distribution



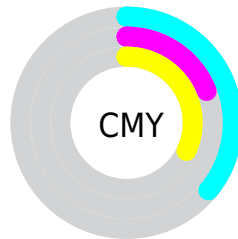
- Red (64%)
- Green (81%)
- Blue (68%)



- Red (64%)
- Yellow (77%)
- Blue (81%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)





- Cyan (36%)
- Magenta (19%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 23.628, 151.626 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, 23.628, 151.626 by changing the saturation by 10% instead.


 79, 23.628,
151.626

 79, 23.628,
151.626


 100, 23.628,
151.626


 69, 23.628,
151.626

 99, 23.628,
151.626

 59, 23.628,
151.626

 49, 23.628,
151.626

 39, 23.628,
151.626

 29, 23.628,
151.626

 19, 23.628,
151.626

 9, 23.628, 151.626

0, 23.628, 151.626

79, 23.628,
151.626

79, 23.628,
151.626

78, 34.637,
150.692

81, 12.529,
152.443

76, 45.375,
149.618

83, 1.478, 153.346

75, 55.641,
148.381

85, 9.416, 333.696

87, 20.077,
334.256

74, 65.215,
146.968

88, 28.215,
329.091

74, 73.883,
145.376

88, 30.673,
325.492

73, 81.459,
143.625

■ 73, 87.806,
141.767

■ 73, 92.318,
140.201

Harmonies

Complementary

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



79, 23.628, 151.626



71, 23.798, 334.652

Rectangle

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



79, 23.628, 151.626



79, 23.628, 201.626



79, 23.628, 331.626



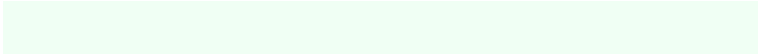
79, 23.628, 21.626

Sweetspot

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



79, 23.630, 151.625



99, 7.845, 152.849



81, 23.603, 119.244



52, 5.206, 152.798



0, 0.000, 0.000



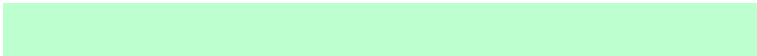
53, 0.007, 296.813

Same Dimension

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



79, 23.630, 151.625



95, 34.191, 151.178



80, 16.515, 178.774



42, 6.202, 152.594



59, 77.948, 140.513



12, 24.999, 147.979

Inverse Universe

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



71, 23.798, 334.652



84, 34.469, 335.020



71, 17.851, 2.939



40, 6.229, 333.796



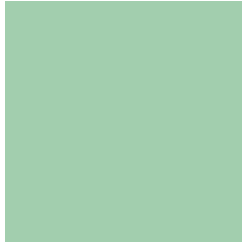
37, 68.172, 342.766



5, 23.234, 339.182

Previews

White Background



This preview shows how the CIELCh color 79, 23.628, 151.626 looks on a white background.

Color Contrast Check

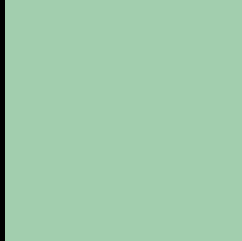
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 23.628, 151.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

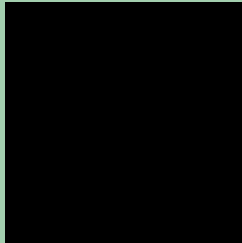
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 23.628, 151.626

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.628, 151.626.



This preview shows how white text looks on a background with the CIELCh color 79, 23.628, 151.626.

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, 23.628, 151.626

Protanopia
79, 14.865, 93.649

Deuteranopia
79, 13.529, 43.308



Tritanopia
79, 13.084, 239.834

Trichromacy



Original Color
79, 23.628, 151.626

Protanomaly
79, 15.883, 122.703

Deuteranomaly
79, 9.690, 100.229

Tritanomaly
79, 12.263, 196.018

Monochromacy



Original Color
79, 23.628, 151.626

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.392, 154.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.628, 151.626 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(162, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 206, 174)  
}
```

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(162, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 206, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.628, 151.626 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(162, 206, 174) }
```

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

```
.border{ border-color:rgb(162, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 206,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.628, 151.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 206, 174) }
```

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

```
.background{ background-color: rgb(162,  
206, 174) }
```

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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