

Converting Colors

CIELCh(79, 24.801, 141.272)

Have a look what the booklet for
CIELCh(79, 24.801, 141.272)
contains.

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Color

CIELCh(79, 24.829, 141.280)

Conversions

Conversions Part 1

Format	Color
Hex	A9CDA6
RGB	169, 205, 166
RGB Percent	66%, 80%, 65%
CMY	0.3368, 0.1956, 0.3485
CMYK	0.18, 0.00, 0.19, 0.20
HSL	115°, 28%, 73%
HSV	115°, 19%, 80%
XYZ	45.1432, 54.9284, 44.3569
YIQ	189.7900, -8.9370, -19.7610

Conversions

Conversions Part 2

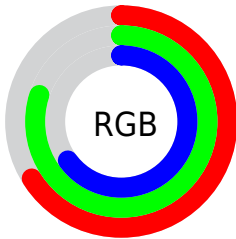
Format	Color
R _{YB}	166, 205, 202
Decimal	11128230
CIE Lab	79.00, -19.37, 15.53
CIE LCh	79, 24.829, 141.280
Yxy	54.9284, 0.3126, 0.3803
Android (android.graphics.Color)	4289318310 (0xFFA9CDA6)
YUV	189.7900, -11.7285, -18.2328
Hunter-Lab	74.1137, -20.9732, 16.3946

Details

The CIELCh color **79, 24.829, 141.280** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **72, 24.920, 323.296**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 20.461, 140.526**, and **59, 25.132, 141.525** is the 20% darker color. If you saturate the color by 10%, you get **77, 37.901, 140.570**, and if you desaturate by 10%, it is **81, 11.718, 141.904**.

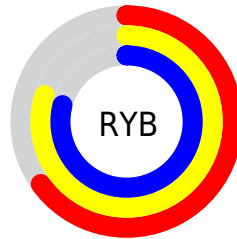
Distribution



Red (66%)

Green (80%)

Blue (65%)



Red (65%)

Yellow (80%)

Blue (79%)

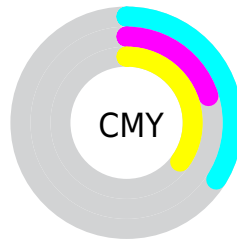


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (20%)



Cyan (34%)

Magenta (20%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.829, 141.280 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, 24.829, 141.280 by changing the saturation by 10% instead.

 79, 24.829,
141.280

 79, 24.829,
141.280

 100, 24.829,
141.280

 69, 24.829,
141.280


 99, 24.829,
141.280

 59, 24.829,
141.280

 49, 24.829,
141.280

 39, 24.829,
141.280

 29, 24.829,
141.280

 19, 24.829,
141.280

 9, 24.829, 141.280

0, 24.829, 141.280

79, 24.829,
141.280

79, 24.829,
141.280

77, 37.901,
140.570

81, 11.718,
141.904

76, 50.712,
139.766

83, 1.279, 322.216

75, 62.975,
138.881

85, 14.047,
322.835

74, 74.319,
137.956

87, 26.514,
323.221

73, 84.278,
137.067

88, 31.273,
325.513

73, 92.312,
136.331

■ 72, 97.911,
135.884

■ 72, 101.005,
135.742

■ 72, 101.244,
135.719

Harmonies

Complementary

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



79, 24.829, 141.280



72, 24.920, 323.296

Rectangle

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



79, 24.829, 141.280



79, 24.829, 191.280



79, 24.829, 321.280



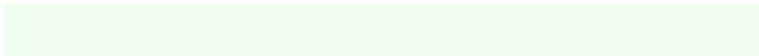
79, 24.829, 11.280

Sweetspot

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



79, 24.831, 141.281



99, 9.283, 142.077



81, 18.908, 104.627



52, 6.161, 142.038



0, 0.000, 0.000



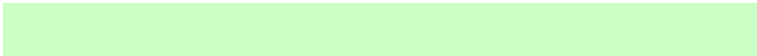
53, 0.007, 296.813

Same Dimension

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



79, 24.831, 141.281



95, 35.860, 140.988



79, 18.798, 157.877



42, 7.341, 141.881



59, 86.322, 135.646



12, 28.043, 141.409

Inverse Universe

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



72, 24.920, 323.296



86, 36.002, 323.508



72, 19.093, 340.919



40, 7.362, 322.806



37, 84.097, 325.258



5, 28.269, 324.531

Previews

White Background



This preview shows how the CIELCh color 79, 24.829, 141.280 looks on a white background.

Color Contrast Check

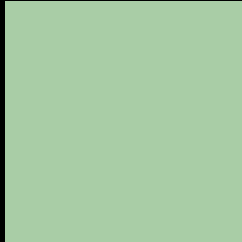
Large Text (above 18pt) WCAG AA × Fail

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, 24.829, 141.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

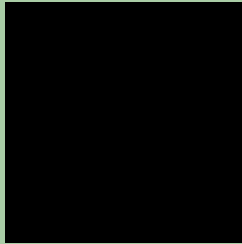
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.829, 141.280

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.829, 141.280.



This preview shows how white text looks on a background with the CIELCh color 79, 24.829, 141.280.

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](#).

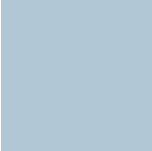
Dichromacy



Original Color
79, 24.829, 141.280

Protanopia
79, 18.569, 94.983

Deuteranopia
79, 16.884, 54.580



Tritanopia
79, 10.870, 246.698

Trichromacy



Original Color
79, 24.829, 141.280

Protanomaly
79, 19.217, 115.403

Deuteranomaly
79, 13.748, 94.206

Tritanomaly
79, 9.899, 186.206

Monochromacy



Original Color
79, 24.829, 141.280

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.607, 142.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.829, 141.280 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(169, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 205, 166)  
}
```

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(169, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 205, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.829, 141.280 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(169, 205, 166) }
```

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

```
.border{ border-color:rgb(169, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 205, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 205, 166);  
box-shadow:4px 4px 4px 4px rgb(169, 205,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.829, 141.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 205, 166) }
```

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

```
.background{ background-color: rgb(169,  
205, 166) }
```

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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