

Converting Colors

CIELCh(79, 26.565, 150.023)

Have a look what the booklet for
CIELCh(79, 26.565, 150.023)
contains.

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Color

CIELCh(79, 26.604, 149.877)

Conversions

Conversions Part 1

Format	Color
Hex	9FCFAA
RGB	159, 207, 170
RGB Percent	62%, 81%, 67%
CMY	0.3763, 0.1880, 0.3331
CMYK	0.23, 0.00, 0.18, 0.19
HSL	134°, 33%, 72%
HSV	134°, 23%, 81%
XYZ	43.8916, 54.9284, 46.3420
YIQ	188.4300, -16.7310, -21.6830

Conversions

Conversions Part 2

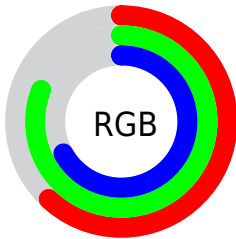
Format	Color
RYB	159, 198, 207
Decimal	10473386
CIELab	79.00, -23.01, 13.35
CIELCh	79, 26.604, 149.877
Yxy	54.9284, 0.3024, 0.3784
Android (android.graphics.Color)	4288663466 (0xFF9FCFAA)
YUV	188.4300, -9.0860, -25.8101
Hunter-Lab	74.1137, -23.9877, 14.8066

Details

The CIELCh color **79, 26.604, 149.877** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **71, 26.749, 333.076**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.200, 151.886**, and **59, 26.093, 149.896** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.997, 148.940**, and if you desaturate by 10%, it is **81, 15.094, 150.691**.

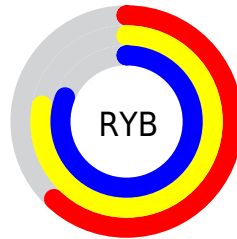
Distribution



Red (62%)

Green (81%)

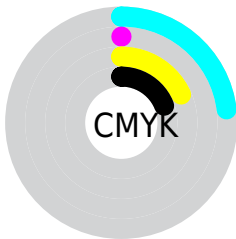
Blue (67%)



Red (62%)

Yellow (78%)

Blue (81%)

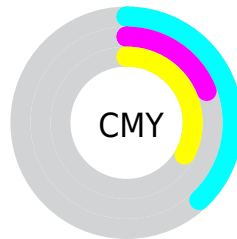


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (19%)



Cyan (38%)


Magenta (19%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 26.604, 149.877 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, 26.604, 149.877 by changing the saturation by 10% instead.


 79, 26.604,
149.877


 79, 26.604,
149.877


 100, 26.604,
149.877


 69, 26.604,
149.877


 99, 26.604,
149.877

 59, 26.604,
149.877

 49, 26.604,
149.877

 39, 26.604,
149.877

 29, 26.604,
149.877

 19, 26.604,
149.877

 9, 26.604, 149.877

0, 26.604, 149.877

79, 26.604,
149.877

79, 26.604,
149.877

78, 37.997,
148.940

81, 15.094,
150.691

76, 49.076,
147.859

83, 3.619, 151.456

75, 59.618,
146.615

85, 7.702, 331.929

87, 18.785,
332.483

74, 69.382,
145.202

88, 27.940,
328.595

74, 78.127,
143.628

89, 30.063,
325.471

73, 85.638,
141.931

■ 73, 91.741,
140.186

■ 73, 95.109,
139.082

Harmonies

Complementary

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



79, 26.604, 149.877



71, 26.749, 333.076

Rectangle

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



79, 26.604, 149.877



79, 26.604, 199.877



79, 26.604, 329.877



79, 26.604, 19.877

Sweetspot

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



79, 26.606, 149.877



98, 9.455, 151.147



81, 25.529, 117.097



52, 6.146, 151.102



0, 0.000, 0.000



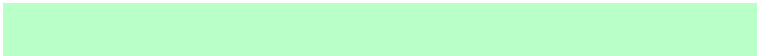
53, 0.007, 296.813

Same Dimension

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



79, 26.606, 149.877



94, 38.029, 149.411



80, 18.508, 174.921



43, 6.535, 150.974



60, 81.008, 139.348



13, 27.140, 146.127

Inverse Universe

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



71, 26.749, 333.076



83, 38.249, 333.438



70, 19.883, 359.545



41, 6.558, 332.137



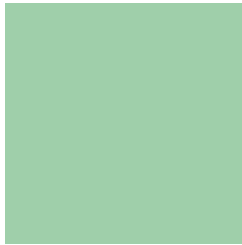
38, 71.046, 339.884



5, 26.062, 337.088

Previews

White Background



This preview shows how the CIELCh color 79, 26.604, 149.877 looks on a white background.

Color Contrast Check

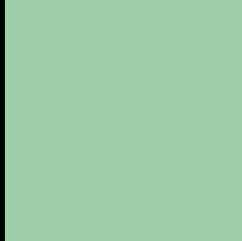
Large Text (above 18pt) WCAG AA × Fail

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, 26.604, 149.877 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, 26.604, 149.877

Background



This preview shows how black text looks on a background with the CIELCh color 79, 26.604, 149.877.



This preview shows how white text looks on a background with the CIELCh color 79, 26.604, 149.877.

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, 26.604, 149.877

Protanopia
79, 17.023, 93.952

Deuteranopia
79, 14.951, 49.964



Tritanopia
79, 13.815, 237.170

Trichromacy



Original Color
79, 26.604, 149.877

Protanomaly
79, 17.941, 120.973

Deuteranomaly
78, 11.755, 103.471

Tritanomaly
79, 13.415, 191.544

Monochromacy



Original Color
79, 26.604, 149.877

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.094, 150.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 26.604, 149.877 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(159, 207, 170)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 170)  
}
```

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(159, 207, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 26.604, 149.877 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(159, 207, 170) }
```

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

```
.border{ border-color:rgb(159, 207, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 207, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 207, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 207, 170); box-shadow:4px 4px 4px 4px rgb(159, 207, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 26.604, 149.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 170) }
```

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

```
.background{ background-color: rgb(159,  
207, 170) }
```

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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