

Converting Colors

CIELCh(79, 22.652, 146.095)

Have a look what the booklet for
CIELCh(79, 22.652, 146.095)
contains.

CIELCh(79, 22.408, 146.346)	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, 22.408, 146.346)

Conversions

Conversions Part 1

Format	Color
Hex	A8CDAC
RGB	168, 205, 172
RGB Percent	66%, 80%, 67%
CMY	0.3414, 0.1963, 0.3257
CMYK	0.18, 0.00, 0.16, 0.20
HSL	126°, 27%, 73%
HSV	126°, 18%, 80%
XYZ	45.3935, 54.9284, 47.2100
YIQ	190.1750, -11.4590, -18.1070

Conversions

Conversions Part 2

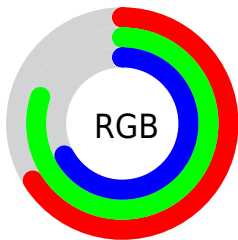
Format	Color
RYB	168, 201, 205
Decimal	11062700
CIELab	79.00, -18.65, 12.42
CIELCh	79, 22.408, 146.346
Yxy	54.9284, 0.3077, 0.3723
Android (android.graphics.Color)	4289252780 (0xFFA8CDAC)
YUV	190.1750, -8.9603, -19.4475
Hunter-Lab	74.1137, -20.3705, 14.1122

Details

The CIELCh color **79, 22.408, 146.346** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 22.451, 328.559**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 18.118, 146.425**, and **59, 22.593, 146.870** is the 20% darker color. If you saturate the color by 10%, you get **77, 34.846, 145.525**, and if you desaturate by 10%, it is **81, 9.946, 147.061**.

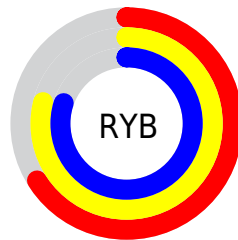
Distribution



Red (66%)

Green (80%)

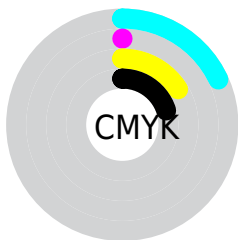
Blue (67%)



Red (66%)

Yellow (79%)

Blue (80%)

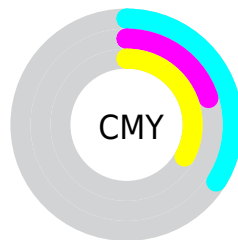


Cyan (18%)

Magenta (0%)

Yellow (16%)

Black (20%)



Cyan (34%)


Magenta (20%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 22.408, 146.346 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, 22.408, 146.346 by changing the saturation by 10% instead.


 79, 22.408,
146.346

 79, 22.408,
146.346

 100, 22.408,
146.346

 69, 22.408,
146.346

 99, 22.408,
146.346

 59, 22.408,
146.346

 49, 22.408,
146.346

 39, 22.408,
146.346

 29, 22.408,
146.346

 19, 22.408,
146.346

 9, 22.408, 146.346

■ 0, 22.408, 146.346

■ 79, 22.408,
146.346

■ 79, 22.408,
146.346

■ 77, 34.846,
145.525

■ 81, 9.946, 147.061

■ 76, 47.050,
144.573

■ 83, 2.393, 327.508

■ 75, 58.768,
143.480

■ 85, 14.496,
328.120

■ 74, 69.700,
142.251

■ 87, 26.289,
328.568

■ 73, 79.507,
140.912

■ 88, 31.389,
325.517

■ 73, 87.829,
139.527

■ 72, 94.314,
138.200

■ 72, 98.715,
137.086

■ 72, 99.356,
136.932

Harmonies

Complementary

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



79, 22.408, 146.346



73, 22.451, 328.559

Rectangle

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



79, 22.408, 146.346



79, 22.408, 196.346



79, 22.408, 326.346



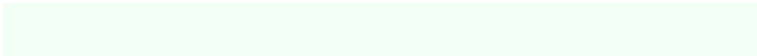
79, 22.408, 16.346

Sweetspot

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



79, 22.410, 146.346



99, 7.352, 147.267



81, 19.540, 112.642



53, 5.020, 147.217



0, 0.000, 0.000



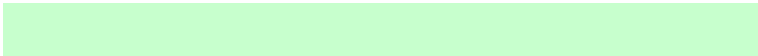
53, 0.007, 296.813

Same Dimension

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



79, 22.410, 146.346



95, 32.634, 146.014



79, 15.564, 167.774



42, 6.984, 146.970



59, 84.505, 137.103



12, 27.202, 144.757

Inverse Universe

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



73, 22.451, 328.559



86, 32.690, 328.812



72, 16.123, 351.111



40, 6.999, 328.038



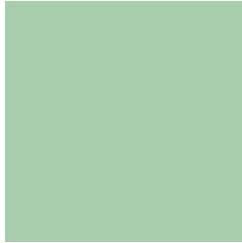
38, 76.958, 333.022



5, 26.605, 331.338

Previews

White Background



This preview shows how the CIELCh color 79, 22.408, 146.346 looks on a white background.

Color Contrast Check

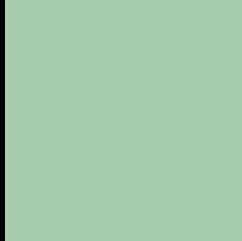
Large Text (above 18pt) WCAG AA × Fail

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, 22.408, 146.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

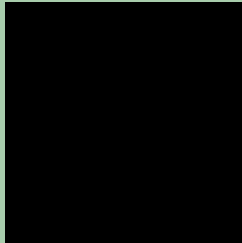
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.408, 146.346

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.408, 146.346.



This preview shows how white text looks on a background with the CIELCh color 79, 22.408, 146.346.

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, 22.408, 146.346

Protanopia
79, 15.379, 94.094

Deuteranopia
79, 14.665, 48.248



Tritanopia
79, 11.685, 246.207

Trichromacy



Original Color
79, 22.408, 146.346

Protanomaly
79, 16.149, 118.312

Deuteranomaly
79, 11.072, 93.049

Tritanomaly
79, 10.339, 192.719

Monochromacy



Original Color
79, 22.408, 146.346

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 8.071, 146.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.408, 146.346 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, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 205, 172)  
}
```

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, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 205, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.408, 146.346 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, 205, 172) }
```

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

```
.border{ border-color:rgb(168, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 205,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.408, 146.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 205, 172) }
```

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

```
.background{ background-color: rgb(168,  
205, 172) }
```

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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