

Converting Colors

CIELCh(79, 29.737, 136.909)

Have a look what the booklet for
CIELCh(79, 29.737, 136.909)
contains.

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Color

CIELCh(79, 29.764, 136.903)

Conversions

Conversions Part 1

Format	Color
Hex	A8CE9D
RGB	168, 206, 157
RGB Percent	66%, 81%, 62%
CMY	0.3410, 0.1920, 0.3841
CMYK	0.18, 0.00, 0.24, 0.19
HSL	107°, 33%, 71%
HSV	107°, 24%, 81%
XYZ	44.3283, 54.9284, 40.1826
YIQ	189.0520, -6.9190, -23.2950

Conversions

Conversions Part 2

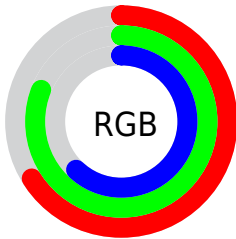
Format	Color
RYB	157, 206, 195
Decimal	11062941
CIELab	79.00, -21.73, 20.34
CIELCh	79, 29.764, 136.903
Yxy	54.9284, 0.3179, 0.3939
Android (android.graphics.Color)	4289253021 (0xFFA8CE9D)
YUV	189.0520, -15.8016, -18.4626
Hunter-Lab	74.1137, -22.9360, 19.7340

Details

The CIELCh color **79, 29.764, 136.903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **70, 30.144, 319.109**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 24.653, 135.627**, and **59, 30.297, 136.857** is the 20% darker color. If you saturate the color by 10%, you get **78, 42.214, 136.307**, and if you desaturate by 10%, it is **80, 17.211, 137.447**.

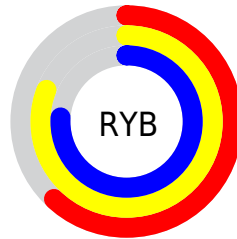
Distribution



Red (66%)

Green (81%)

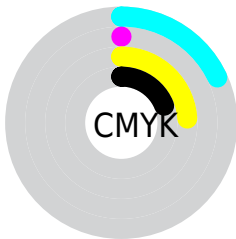
Blue (62%)



Red (62%)

Yellow (81%)

Blue (76%)

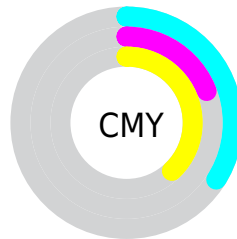


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (19%)



Cyan (34%)

Magenta (19%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 29.764, 136.903 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, 29.764, 136.903 by changing the saturation by 10% instead.

■ 79, 29.764,
136.903

■ 79, 29.764,
136.903

■ 100, 29.764,
136.903

■ 69, 29.764,
136.903

■ 99, 29.764,
136.903

■ 59, 29.764,
136.903

■ 49, 29.764,
136.903

■ 39, 29.764,
136.903

■ 29, 29.764,
136.903

■ 19, 29.764,
136.903

■ 9, 29.764, 136.903

0, 29.764, 136.903

79, 29.764,
136.903

79, 29.764,
136.903

78, 42.214,
136.307

80, 17.211,
137.447

76, 54.355,
135.671

82, 4.694, 137.955

75, 65.919,
135.030

84, 7.683, 318.299

86, 19.847,
318.675

75, 76.537,
134.448

88, 29.466,
321.346

74, 85.738,
134.025

88, 30.695,
325.493

73, 92.979,
133.890

■ 73, 97.828,
134.149

■ 73, 99.840,
134.419

Harmonies

Complementary

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



79, 29.764, 136.903



70, 30.144, 319.109

Rectangle

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



79, 29.764, 136.903



79, 29.764, 186.903



79, 29.764, 316.903



79, 29.764, 6.903

Sweetspot

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



79, 29.766, 136.904



99, 10.355, 137.784



79, 20.459, 95.495



52, 6.731, 137.753



0, 0.000, 0.000



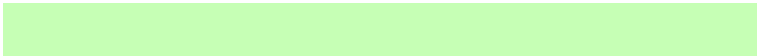
53, 0.007, 296.813

Same Dimension

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



79, 29.766, 136.904



95, 43.134, 136.577



79, 26.434, 151.185



42, 7.011, 137.669



60, 84.750, 134.260



12, 26.848, 138.315

Inverse Universe

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



70, 30.144, 319.109



81, 43.800, 319.353



70, 26.628, 334.587



40, 7.054, 318.463



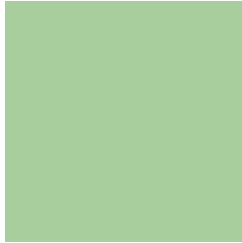
33, 85.599, 319.917



4, 26.704, 318.323

Previews

White Background



This preview shows how the CIELCh color 79, 29.764, 136.903 looks on a white background.

Color Contrast Check

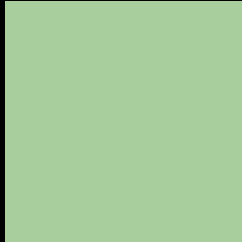
Large Text (above 18pt) WCAG AA × Fail

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, 29.764, 136.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

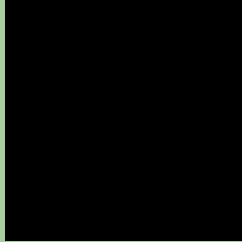
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 29.764, 136.903

Background



This preview shows how black text looks on a background with the CIELCh color 79, 29.764, 136.903.

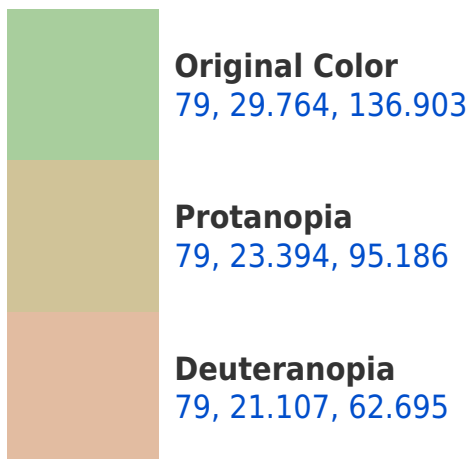


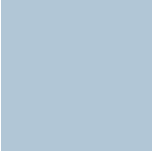
This preview shows how white text looks on a background with the CIELCh color 79, 29.764, 136.903.

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](#).

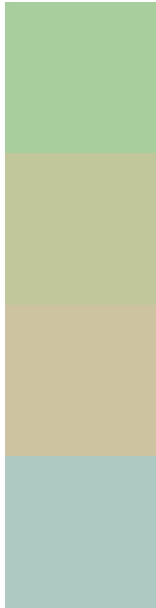
Dichromacy





Tritanopia
79, 11.042, 250.030

Trichromacy



Original Color
79, 29.764, 136.903

Protanomaly
79, 23.906, 113.678

Deuteranomaly
79, 18.997, 96.453

Tritanomaly
79, 10.678, 175.013

Monochromacy



Original Color
79, 29.764, 136.903

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.004, 137.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 29.764, 136.903 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, 206, 157)` looks like.

```
.text, #text, p{  
    color:rgb(168, 206, 157)  
}
```

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, 206, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 206, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 29.764, 136.903 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, 206, 157) }
```

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

```
.border{ border-color:rgb(168, 206, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 206, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 206, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 206, 157); box-shadow:4px 4px 4px 4px rgb(168, 206, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 29.764, 136.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 206, 157) }
```

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

```
.background{ background-color: rgb(168,  
206, 157) }
```

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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