

Converting Colors

CIELCh(79, 36.336, 131.577)

Have a look what the booklet for
CIELCh(79, 36.336, 131.577)
contains.

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Color

CIELCh(79, 36.462, 131.723)

Conversions

Conversions Part 1

Format	Color
Hex	A8CF90
RGB	168, 207, 144
RGB Percent	66%, 81%, 56%
CMY	0.3414, 0.1884, 0.4355
CMYK	0.19, 0.00, 0.30, 0.19
HSL	97°, 40%, 69%
HSV	97°, 30%, 81%
XYZ	43.4652, 54.9284, 34.6754
YIQ	188.1570, -3.0210, -27.8610

Conversions

Conversions Part 2

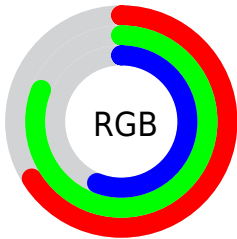
Format	Color
RYB	144, 207, 183
Decimal	11063184
CIELab	79.00, -24.27, 27.21
CIElCh	79, 36.462, 131.723
Yxy	54.9284, 0.3266, 0.4128
Android (android.graphics.Color)	4289253264 (0xFFA8CF90)
YUV	188.1570, -21.7694, -17.6777
Hunter-Lab	74.1137, -25.0146, 24.1397

Details

The CIELCh color **79, 36.462, 131.723** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 37.595, 314.445**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 31.117, 129.575**, and **59, 36.748, 131.780** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.201, 131.219**, and if you desaturate by 10%, it is **80, 24.513, 132.220**.

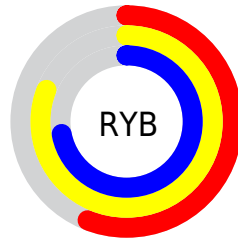
Distribution



Red (66%)

Green (81%)

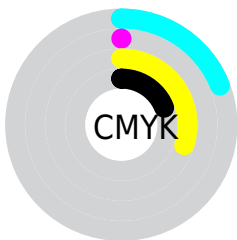
Blue (56%)



Red (56%)

Yellow (81%)

Blue (72%)

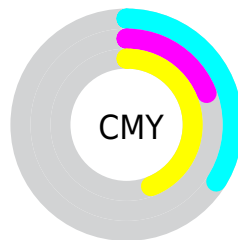


Cyan (19%)

Magenta (0%)

Yellow (30%)

Black (19%)



Cyan (34%)


Magenta (19%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.462, 131.723 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, 36.462, 131.723 by changing the saturation by 10% instead.


 79, 36.462,
131.723

 79, 36.462,
131.723


 100, 36.462,
131.723

 69, 36.462,
131.723


 99, 36.462,
131.723

 59, 36.462,
131.723

 49, 36.462,
131.723

 39, 36.462,
131.723

 29, 36.462,
131.723

 19, 36.462,
131.723

 9, 36.462, 131.723

0, 36.462, 131.723

79, 36.462,
131.723

79, 36.462,
131.723

78, 48.201,
131.219

80, 24.513,
132.220

77, 59.513,
130.739

82, 12.496,
132.689

76, 70.106,
130.344

83, 0.518, 133.409

75, 79.572,
130.127

85, 11.346,
313.466

75, 87.411,
130.211

86, 23.045,
313.811

74, 93.145,
130.719

88, 28.404,
319.285

■ 74, 96.728,
131.553

■ 88, 30.129,
325.473

Harmonies

Complementary

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



79, 36.462, 131.723



65, 37.595, 314.445

Rectangle

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



79, 36.462, 131.723



79, 36.462, 181.723



79, 36.462, 311.723



79, 36.462, 1.723

Sweetspot

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



79, 36.464, 131.724



98, 12.752, 132.750



75, 23.129, 82.941



52, 8.866, 132.683



0, 0.000, 0.000



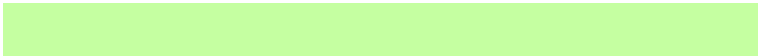
53, 0.007, 296.813

Same Dimension

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



79, 36.464, 131.724



94, 52.344, 131.369



78, 37.859, 145.563



43, 6.844, 132.736



61, 82.736, 131.338



14, 27.218, 133.530

Inverse Universe

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



65, 37.595, 314.445



75, 54.368, 314.763



68, 37.908, 329.577



41, 6.915, 313.495



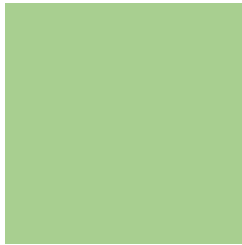
29, 89.078, 315.015



3, 27.579, 312.363

Previews

White Background



This preview shows how the CIELCh color 79, 36.462, 131.723 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, 36.462, 131.723 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, 36.462, 131.723

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.462, 131.723.



This preview shows how white text looks on a background with the CIELCh color 79, 36.462, 131.723.

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, 36.462, 131.723

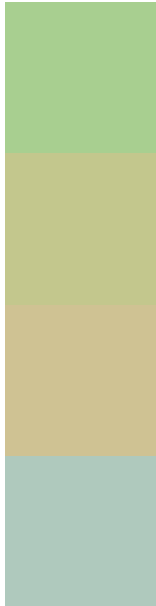
Protanopia
79, 30.241, 95.712

Deuteranopia
79, 27.239, 69.073



Tritanopia
79, 10.633, 252.841

Trichromacy



Original Color
79, 36.462, 131.723

Protanomaly
79, 30.570, 110.393

Deuteranomaly
78, 25.476, 95.957

Tritanomaly
79, 11.494, 164.686

Monochromacy



Original Color
79, 36.462, 131.723

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 13.417, 132.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.462, 131.723 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, 207, 144)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 144)  
}
```

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, 207, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.462, 131.723 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, 207, 144) }
```

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

```
.border{ border-color:rgb(168, 207, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 207, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 144);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.462, 131.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 207, 144) }
```

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

```
.background{ background-color: rgb(168,  
207, 144) }
```

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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