

Converting Colors

CIELCh(79, 35.853, 150.384)

Have a look what the booklet for
CIELCh(79, 35.853, 150.384)
contains.

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Color

CIELCh(79, 35.860, 150.498)

Conversions

Conversions Part 1

Format	Color
Hex	90D3A2
RGB	144, 211, 162
RGB Percent	56%, 83%, 64%
CMY	0.4365, 0.1738, 0.3659
CMYK	0.32, 0.00, 0.23, 0.17
HSL	136°, 43%, 69%
HSV	136°, 32%, 83%
XYZ	41.1569, 54.9284, 42.4738
YIQ	185.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

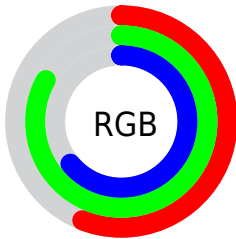
Format	Color
RYB	144, 197, 211
Decimal	9491362
CIELab	79.00, -31.21, 17.66
CIELCh	79, 35.860, 150.498
Yxy	54.9284, 0.2970, 0.3964
Android (android.graphics.Color)	4287681442 (0xFF90D3A2)
YUV	185.3810, -11.5268, -36.2911
Hunter-Lab	74.1137, -30.5742, 17.9011

Details

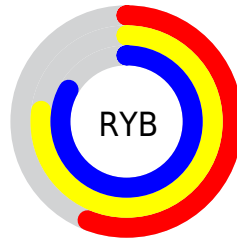
The CIELCh color **79, 35.860, 150.498** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 36.165, 335.277**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.845, 153.448**, and **59, 35.913, 150.408** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.810, 149.416**, and if you desaturate by 10%, it is **81, 24.629, 151.436**.

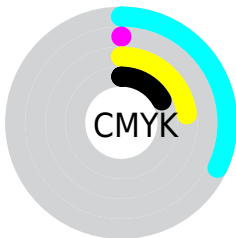
Distribution



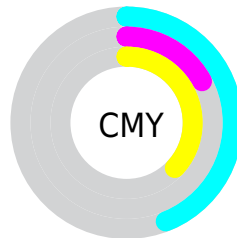
- Red (56%)
- Green (83%)
- Blue (64%)



- Red (56%)
- Yellow (77%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (44%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 35.860, 150.498 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, 35.860, 150.498 by changing the saturation by 10% instead.

 79, 35.860,
150.498

 79, 35.860,
150.498

 100, 35.860,
150.498

 69, 35.860,
150.498

 99, 35.860,
150.498

 59, 35.860,
150.498

 49, 35.860,
150.498

 39, 35.860,
150.498

 29, 35.860,
150.498

 19, 35.860,
150.498

 9, 35.860, 150.498

■ 0, 35.860, 150.498

■ 79, 35.860,
150.498

■ 79, 35.860,
150.498

■ 78, 46.810,
149.416

■ 81, 24.629,
151.436

■ 77, 57.264,
148.171

■ 82, 13.295,
152.258

■ 76, 66.997,
146.750

■ 84, 2.006, 153.107

■ 75, 75.791,
145.150

■ 86, 9.126, 333.515

■ 75, 83.454,
143.395

■ 88, 20.021,
334.078

■ 74, 89.845,
141.540

■ 89, 27.414,
325.924

■ 89, 27.778,

■ 74, 94.156,
140.065

325.392

Harmonies

Complementary

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



79, 35.860, 150.498



68, 36.165, 335.277

Rectangle

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



79, 35.860, 150.498



79, 35.860, 200.498



79, 35.860, 330.498



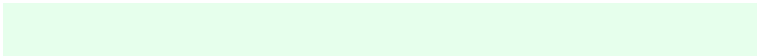
79, 35.860, 20.498

Sweetspot

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



79, 35.861, 150.498



98, 13.147, 152.388



82, 35.593, 118.598



52, 8.976, 152.279



0, 0.000, 0.000



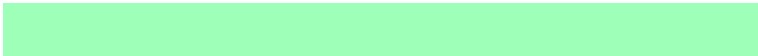
53, 0.007, 296.813

Same Dimension

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



79, 35.861, 150.498



93, 49.838, 149.799



80, 24.516, 177.681



43, 6.348, 152.442



60, 79.078, 140.379



13, 26.560, 146.942

Inverse Universe

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



68, 36.165, 335.277



77, 50.249, 335.796



67, 27.627, 4.368



41, 6.376, 333.643



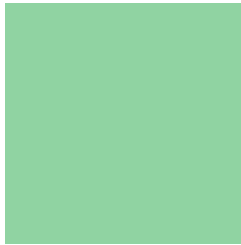
37, 69.113, 342.516



5, 25.285, 339.171

Previews

White Background



This preview shows how the CIELCh color 79, 35.860, 150.498 looks on a white background.

Color Contrast Check

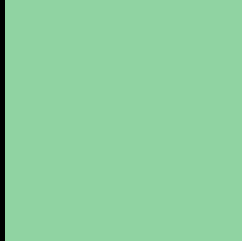
Large Text (above 18pt) WCAG AA × Fail

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, 35.860, 150.498 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, 35.860, 150.498

Background



This preview shows how black text looks on a background with the CIELCh color 79, 35.860, 150.498.



This preview shows how white text looks on a background with the CIELCh color 79, 35.860, 150.498.

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, 35.860, 150.498

Protanopia
79, 21.872, 94.459

Deuteranopia
79, 18.243, 55.738



Tritanopia
79, 17.664, 227.552

Trichromacy



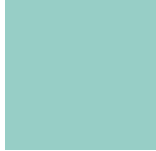
Original Color
79, 35.860, 150.498



Protanomaly
78, 23.623, 123.369



Deuteranomaly
78, 16.472, 110.009

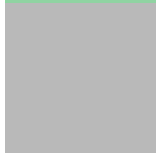


Tritanomaly
79, 19.467, 185.234

Monochromacy



Original Color
79, 35.860, 150.498



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 12.822, 153.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 35.860, 150.498 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(144, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(144, 211, 162)  
}
```

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(144, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 211, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 35.860, 150.498 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(144, 211, 162) }
```

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

```
.border{ border-color:rgb(144, 211, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 211, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(144, 211,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 35.860, 150.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 211, 162) }
```

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

```
.background{ background-color: rgb(144,  
211, 162) }
```

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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