

Converting Colors

CIELCh(79, 40.891, 142.359)

Have a look what the booklet for
CIELCh(79, 40.891, 142.359)
contains.

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Color

CIELCh(79, 40.891, 142.359)

Conversions

Conversions Part 1

Format	Color
Hex	94D394
RGB	148, 211, 148
RGB Percent	58%, 83%, 58%
CMY	0.4202, 0.1731, 0.4202
CMYK	0.30, 0.00, 0.30, 0.17
HSL	120°, 42%, 70%
HSV	120°, 30%, 83%
XYZ	40.7764, 54.9284, 36.4108
YIQ	184.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

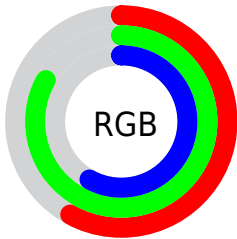
Format	Color
RYB	148, 211, 211
Decimal	9753492
CIELab	79.00, -32.38, 24.97
CIELCh	79, 40.891, 142.359
Yxy	54.9284, 0.3086, 0.4158
Android (android.graphics.Color)	4287943572 (0xFF94D394)
YUV	184.9810, -18.2316, -32.4323
Hunter-Lab	74.1137, -31.4906, 22.7514

Details

The CIELCh color $79, 40.891, 142.359$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 40.886, 326.059$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 32.812, 142.149$, and $59, 40.762, 142.435$ is the 20% darker color. If you saturate the color by 10%, you get $78, 54.217, 141.421$, and if you desaturate by 10%, it is $81, 27.222, 143.176$.

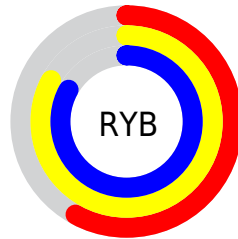
Distribution



Red (58%)

Green (83%)

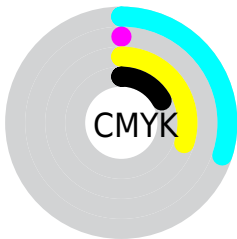
Blue (58%)



Red (58%)

Yellow (83%)

Blue (83%)

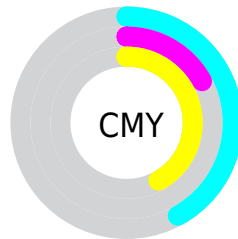


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (17%)



Cyan (42%)


Magenta (17%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 40.891, 142.359 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, 40.891, 142.359 by changing the saturation by 10% instead.


 79, 40.891,
142.359


 79, 40.891,
142.359


 100, 40.891,
142.359


 69, 40.891,
142.359


 99, 40.891,
142.359

 59, 40.891,
142.359

 49, 40.891,
142.359

 39, 40.891,
142.359

 29, 40.891,
142.359

 19, 40.891,
142.359

 9, 40.891, 142.359

0, 40.891, 142.359

79, 40.891,
142.359

79, 40.891,
142.359

78, 54.217,
141.421

81, 27.222,
143.176

76, 66.856,
140.370

82, 13.468,
143.881

75, 78.384,
139.242

85, 0.174, 322.910

75, 88.297,
138.118

87, 13.567,
324.929

74, 96.040,
137.124

89, 26.621,
325.359

74, 101.136,
136.408

89, 27.672,
325.388

■ 74, 103.748,
136.021

■ 74, 103.775,
136.017

Harmonies

Complementary

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



79, 40.891, 142.359



69, 40.886, 326.059

Rectangle

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



79, 40.891, 142.359



79, 40.891, 192.359



79, 40.891, 322.359



79, 40.891, 12.359

Sweetspot

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



79, 40.893, 142.359



98, 14.310, 143.932



83, 32.772, 107.293



52, 9.954, 143.835



0, 0.000, 0.000



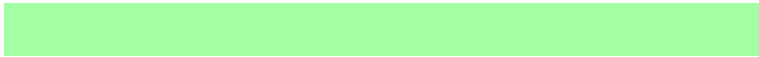
53, 0.007, 296.813

Same Dimension

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



79, 40.893, 142.359



93, 57.286, 141.762



80, 28.184, 160.880



43, 7.681, 143.912



60, 87.743, 136.017



13, 30.537, 142.080

Inverse Universe

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



69, 40.886, 326.059



79, 57.217, 326.396



68, 29.240, 346.427



41, 7.693, 324.938



40, 84.654, 328.236



6, 31.111, 327.827

Previews

White Background



This preview shows how the CIELCh color 79, 40.891, 142.359 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, 40.891, 142.359 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, 40.891, 142.359

Background



This preview shows how black text looks on a background with the CIELCh color 79, 40.891, 142.359.

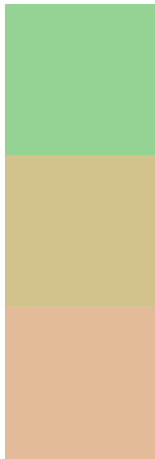


This preview shows how white text looks on a background with the CIELCh color 79, 40.891, 142.359.

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](#).

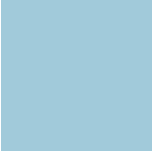
Dichromacy



Original Color
79, 40.891, 142.359

Protanopia
79, 29.220, 95.429

Deuteranopia
79, 24.843, 66.386

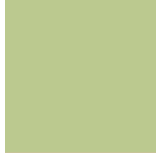


Tritanopia
79, 15.848, 231.407

Trichromacy



Original Color
79, 40.891, 142.359



Protanomaly
79, 31.030, 117.746



Deuteranomaly
78, 23.856, 105.096

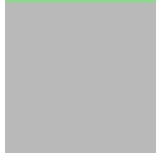


Tritanomaly
79, 18.689, 176.144

Monochromacy



Original Color
79, 40.891, 142.359



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 15.125, 143.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 40.891, 142.359 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(148, 211, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 211, 148)  
}
```

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(148, 211, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 211, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 40.891, 142.359 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(148, 211, 148) }
```

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

```
.border{ border-color:rgb(148, 211, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 211, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 211,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 40.891, 142.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 211, 148) }
```

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

```
.background{ background-color: rgb(148,  
211, 148) }
```

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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