

Converting Colors

CIELCh(79, 41.190, 142.368)

Have a look what the booklet for
CIELCh(79, 41.190, 142.368)
contains.

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Color

CIELCh(79, 41.099, 142.725)

Conversions

Conversions Part 1

Format	Color
Hex	93D394
RGB	147, 211, 148
RGB Percent	58%, 83%, 58%
CMY	0.4235, 0.1725, 0.4196
CMYK	0.30, 0.00, 0.30, 0.17
HSL	121°, 42%, 70%
HSV	121°, 30%, 83%
XYZ	40.6713, 54.9284, 36.4749
YIQ	184.6820, -17.9210, -33.1610

Conversions

Conversions Part 2

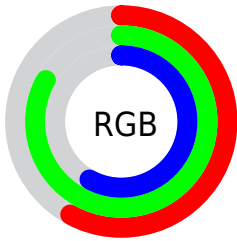
Format	Color
RYB	147, 210, 211
Decimal	9687956
CIELab	79.00, -32.70, 24.89
CIELCh	79, 41.099, 142.725
Yxy	54.9284, 0.3079, 0.4159
Android (android.graphics.Color)	4287878036 (0xFF93D394)
YUV	184.6820, -18.0842, -33.0471
Hunter-Lab	74.1137, -31.7438, 22.7001

Details

The CIELCh color $79, 41.099, 142.725$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 41.094, 326.514$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 33.014, 142.622$, and $59, 40.973, 142.792$ is the 20% darker color. If you saturate the color by 10%, you get $78, 54.282, 141.776$, and if you desaturate by 10%, it is $81, 27.571, 143.551$.

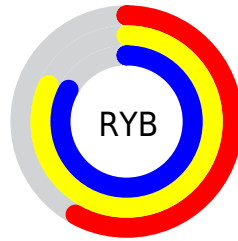
Distribution



Red (58%)

Green (83%)

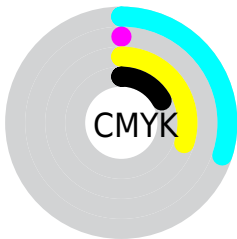
Blue (58%)



Red (58%)

Yellow (82%)

Blue (83%)

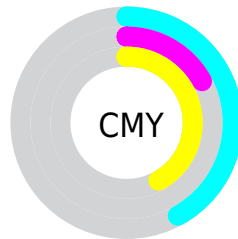


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (17%)



Cyan (42%)


Magenta (17%)


Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 41.099, 142.725 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, 41.099, 142.725 by changing the saturation by 10% instead.


 79, 41.099,
142.725


 79, 41.099,
142.725


 100, 41.099,
142.725


 69, 41.099,
142.725


 99, 41.099,
142.725

 59, 41.099,
142.725

 49, 41.099,
142.725

 39, 41.099,
142.725

 29, 41.099,
142.725

 19, 41.099,
142.725

 9, 41.099, 142.725

■ 0, 41.099, 142.725

■ 79, 41.099,
142.725

■ 79, 41.099,
142.725

■ 78, 54.282,
141.776

■ 81, 27.571,
143.551

■ 76, 66.783,
140.709

■ 82, 13.952,
144.263

■ 76, 78.194,
139.557

■ 84, 0.437, 145.464

■ 75, 88.033,
138.395


■ 87, 12.837,
325.324

■ 74, 95.772,
137.344

■ 89, 25.780,
325.762

■ 74, 100.952,
136.547

■ 89, 27.577,
325.385

 74, 103.560,
136.124

Harmonies

Complementary

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



79, 41.099, 142.725



69, 41.094, 326.514

Rectangle

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



79, 41.099, 142.725



79, 41.099, 192.725



79, 41.099, 322.725



79, 41.099, 12.725

Sweetspot

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



79, 41.101, 142.725



98, 14.159, 144.345



83, 33.279, 107.249



52, 9.849, 144.248



0, 0.000, 0.000



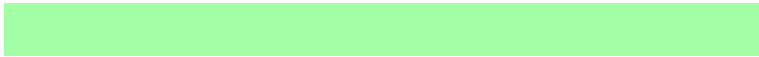
53, 0.007, 296.813

Same Dimension

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



79, 41.101, 142.725



93, 56.696, 142.165



80, 28.619, 160.830



43, 7.600, 144.325



60, 87.441, 136.158



13, 30.302, 142.326

Inverse Universe

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



69, 41.094, 326.514



79, 56.627, 326.832



68, 29.707, 346.478



41, 7.612, 325.355



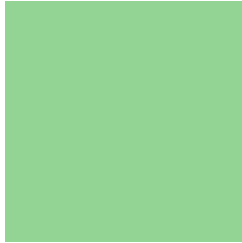
40, 83.638, 328.858



6, 30.748, 328.328

Previews

White Background



This preview shows how the CIELCh color 79, 41.099, 142.725 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, 41.099, 142.725 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, 41.099, 142.725

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.099, 142.725.

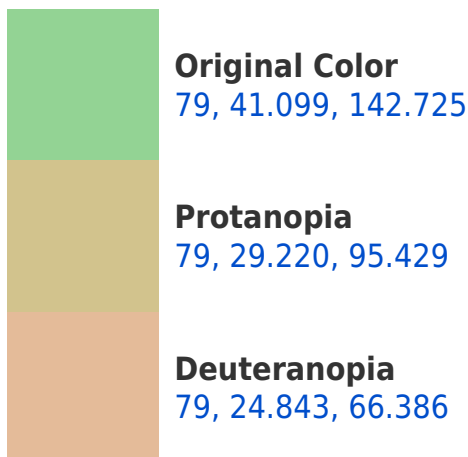


This preview shows how white text looks on a background with the CIELCh color 79, 41.099, 142.725.

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



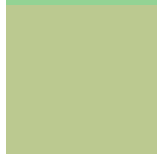


Tritanopia
79, 16.108, 230.800

Trichromacy



Original Color
79, 41.099, 142.725



Protanomaly
79, 30.522, 117.952



Deuteranomaly
78, 23.856, 105.096



Tritanomaly
79, 18.757, 177.963

Monochromacy



Original Color
79, 41.099, 142.725



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 14.682, 144.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 41.099, 142.725 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(147, 211, 148)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 211, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 211, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.099, 142.725 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(147, 211, 148) }
```

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

```
.border{ border-color:rgb(147, 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(147, 211, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 211, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 211, 148);  
box-shadow:4px 4px 4px 4px rgb(147, 211,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.099, 142.725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 211, 148) }
```

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

```
.background{ background-color: rgb(147,  
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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