

# Converting Colors

CIELCh(79, 41.956, 141.565)

Have a look what the booklet for  
CIELCh(79, 41.956, 141.565)  
contains.

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**Color**

**CIELCh(79, 41.763, 141.553)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D392
RGB	148, 211, 146
RGB Percent	58%, 83%, 57%
CMY	0.4198, 0.1727, 0.4276
CMYK	0.30, 0.00, 0.31, 0.17
HSL	118°, 42%, 70%
HSV	118°, 31%, 83%
XYZ	40.6699, 54.9284, 35.6333
YIQ	184.7530, -16.6830, -33.5710

# Conversions

## Conversions Part 2

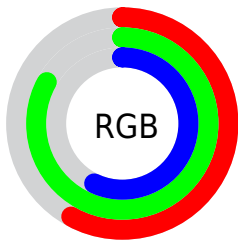
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 211, 209
Decimal	9753490
CIELab	79.00, -32.71, 25.97
CIELCh	79, 41.763, 141.553
Yxy	54.9284, 0.3099, 0.4186
Android (android.graphics.Color)	4287943570 (0xFF94D392)
YUV	184.7530, -19.1052, -32.2324
Hunter-Lab	74.1137, -31.7470, 23.3734

# Details

The CIELCh color **79, 41.763, 141.553** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 41.827, 325.224**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 33.669, 141.198**, and **59, 41.662, 141.578** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.947, 140.657**, and if you desaturate by 10%, it is **81, 28.234, 142.340**.

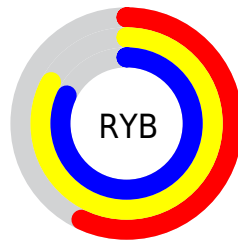
# Distribution



Red (58%)

Green (83%)

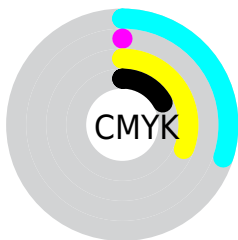
Blue (57%)



Red (57%)

Yellow (83%)

Blue (82%)

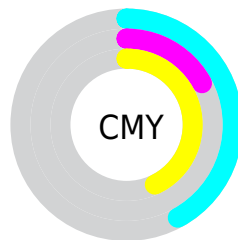


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (17%)



Cyan (42%)

Magenta (17%)


Yellow (43%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.763, 141.553 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, 41.763, 141.553 by changing the saturation by 10% instead.





 79, 41.763,  
141.553


 79, 41.763,  
141.553


 100, 41.763,  
141.553


 69, 41.763,  
141.553


 99, 41.763,  
141.553

 59, 41.763,  
141.553

 49, 41.763,  
141.553

 39, 41.763,  
141.553

 29, 41.763,  
141.553

 19, 41.763,  
141.553

 9, 41.763, 141.553

0, 41.763, 141.553

79, 41.763,  
141.553

79, 41.763,  
141.553

78, 54.947,  
140.657

81, 28.234,  
142.340

76, 67.448,  
139.664

82, 14.609,  
143.023

76, 78.849,  
138.617

84, 1.081, 143.821

75, 88.644,  
137.600


87, 12.217,  
324.044

74, 96.273,  
136.742

89, 25.197,  
324.467

74, 101.261,  
136.182

89, 27.607,  
325.386

 74, 103.660,  
135.908

# Harmonies

# Complementary

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



79, 41.763, 141.553



69, 41.827, 325.224

# Rectangle

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



79, 41.763, 141.553



79, 41.763, 191.553



79, 41.763, 321.553



79, 41.763, 11.553

# Sweetspot

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



79, 41.765, 141.553



98, 14.167, 143.132



83, 32.752, 105.750



52, 9.854, 143.039



0, 0.000, 0.000



53, 0.007, 296.813



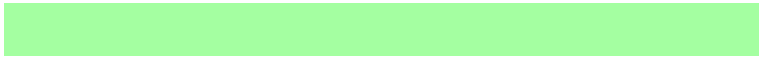


# Same Dimension

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



79, 41.765, 141.553



93, 58.278, 140.974



80, 29.830, 159.084



43, 7.605, 143.112



60, 87.572, 135.873



13, 30.248, 141.468



# Inverse Universe

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



69, 41.827, 325.224



78, 58.322, 325.548



68, 30.792, 344.665



41, 7.620, 324.096



39, 84.781, 327.031

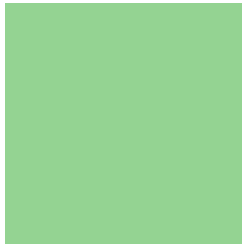


5, 30.865, 326.709



# Previews

## White Background



This preview shows how the CIELCh color 79, 41.763, 141.553 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, 41.763, 141.553 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, 41.763, 141.553**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 79, 41.763, 141.553.

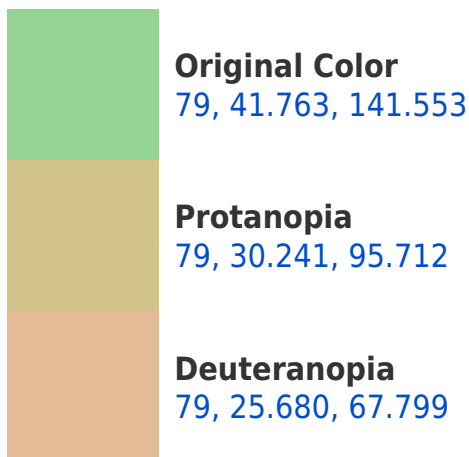


This preview shows how white text looks on a background with the CIELCh color 79, 41.763, 141.553.

# 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, 15.848, 231.407

# Trichromacy



**Original Color**  
79, 41.763, 141.553



**Protanomaly**  
79, 31.537, 117.545



**Deuteranomaly**  
78, 24.902, 105.110

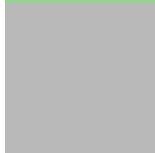


**Tritanomaly**  
79, 18.689, 176.144

# Monochromacy



**Original Color**  
79, 41.763, 141.553



**Achromatopsia**  
75, 0.009, 296.813



**Achromatomaly**  
76, 14.911, 142.626

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 41.763, 141.553 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(148, 211, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 211, 146) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 41.763, 141.553 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, 146) }
```

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

```
.border{ border-color:rgb(148, 211, 146) }
```

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, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(148, 211,  
146) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 41.763, 141.553 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, 146) }
```

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

```
.background{ background-color: rgb(148,  
211, 146) }
```

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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