

# Converting Colors

CIELCh(79, 41.298, 144.841)

Have a look what the booklet for  
CIELCh(79, 41.298, 144.841)  
contains.

<b>CIELCh(79, 41.692, 144.910)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(79, 41.692, 144.910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FD496
RGB	143, 212, 150
RGB Percent	56%, 83%, 59%
CMY	0.4404, 0.1699, 0.4130
CMYK	0.33, 0.00, 0.29, 0.17
HSL	126°, 44%, 69%
HSV	126°, 33%, 83%
XYZ	40.2162, 54.9284, 37.2077
YIQ	184.3010, -21.2220, -33.9100

# Conversions

## Conversions Part 2

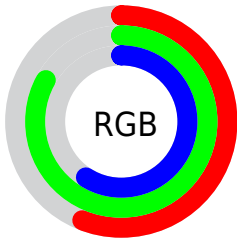
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 206, 212
Decimal	9426070
CIELab	79.00, -34.11, 23.97
CIElCh	79, 41.692, 144.910
Yxy	54.9284, 0.3039, 0.4150
Android (android.graphics.Color)	4287616150 (0xFF8FD496)
YUV	184.3010, -16.9104, -36.2210
Hunter-Lab	74.1137, -32.8397, 22.1139

# Details

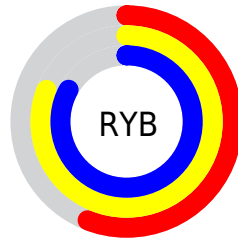
The CIELCh color **79, 41.692, 144.910** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 41.718, 329.219**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 33.011, 145.459**, and **59, 41.549, 144.953** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.083, 143.895**, and if you desaturate by 10%, it is **81, 28.948, 145.789**.

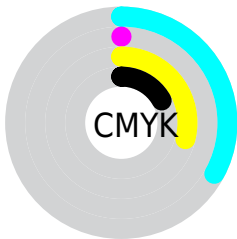
# Distribution



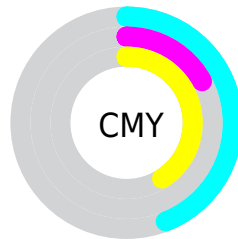
- Red (56%)
- Green (83%)
- Blue (59%)



- Red (56%)
- Yellow (81%)
- Blue (83%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)




- Cyan (44%)
- Magenta (17%)
- Yellow (41%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.692, 144.910 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, 41.692, 144.910 by changing the saturation by 10% instead.





 79, 41.692,  
144.910


 79, 41.692,  
144.910


 100, 41.692,  
144.910


 69, 41.692,  
144.910


 99, 41.692,  
144.910

 59, 41.692,  
144.910

 49, 41.692,  
144.910

 39, 41.692,  
144.910

 29, 41.692,  
144.910

 19, 41.692,  
144.910

 9, 41.692, 144.910

0, 41.692, 144.910

79, 41.692,  
144.910

79, 41.692,  
144.910

78, 54.083,  
143.895

81, 28.948,  
145.789

77, 65.827,  
142.740

82, 16.083,  
146.547

76, 76.591,  
141.459

84, 3.282, 147.260

75, 86.005,  
140.099


86, 9.322, 327.685

75, 93.685,  
138.745

89, 21.635,  
328.172

74, 99.286,  
137.523

90, 27.151,  
325.370

 74, 102.038,  
136.833

# Harmonies

# Complementary

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



79, 41.692, 144.910



68, 41.718, 329.219

# Rectangle

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



79, 41.692, 144.910



79, 41.692, 194.910



79, 41.692, 324.910



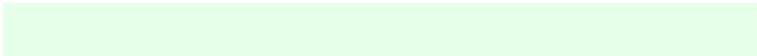
79, 41.692, 14.910

# Sweetspot

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



79, 41.693, 144.910



98, 14.833, 146.721



83, 35.911, 111.452



52, 10.129, 146.622



0, 0.000, 0.000



53, 0.007, 296.813



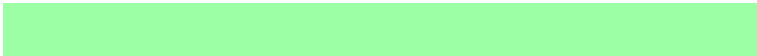


# Same Dimension

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



79, 41.693, 144.910



92, 57.774, 144.233



80, 28.431, 166.192



44, 7.305, 146.767



61, 86.649, 136.992



14, 30.539, 142.787



# Inverse Universe

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



68, 41.718, 329.219



77, 57.713, 329.620



67, 30.322, 352.851



42, 7.320, 327.839



40, 79.086, 332.710

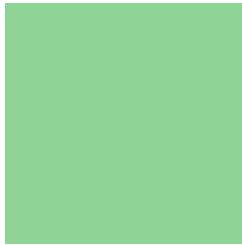


6, 30.596, 331.636



# Previews

## White Background



This preview shows how the CIELCh color 79, 41.692, 144.910 looks on a white background.

## Color Contrast Check

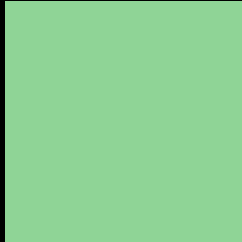
Large Text (above 18pt) WCAG AA × Fail

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, 41.692, 144.910 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, 41.692, 144.910

## Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.692, 144.910.

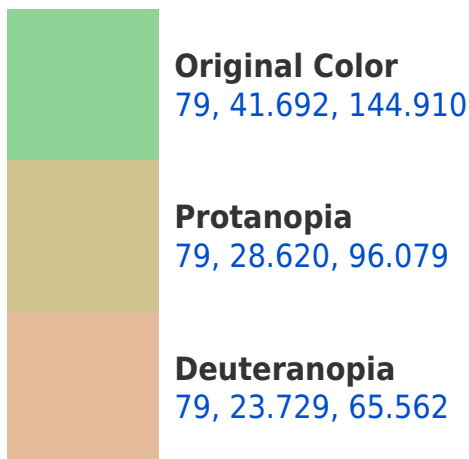


This preview shows how white text looks on a background with the CIELCh color 79, 41.692, 144.910.

# 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





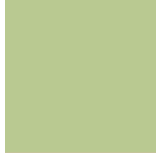


**Tritanopia**  
79, 17.403, 228.047

# Trichromacy



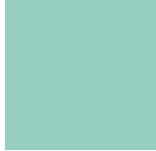
**Original Color**  
79, 41.692, 144.910



**Protanomaly**  
79, 30.183, 119.616



**Deuteranomaly**  
78, 22.784, 108.068

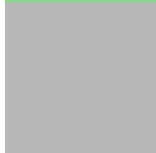


**Tritanomaly**  
79, 20.252, 179.386

# Monochromacy



**Original Color**  
79, 41.692, 144.910



**Achromatopsia**  
75, 0.009, 296.813



**Achromatomaly**  
76, 15.136, 147.092

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 79, 41.692, 144.910 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(143, 212, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 212, 150)  
}
```

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(143, 212, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 212, 150) }
```

## Border

The CSS property to change the border of an element to CIELCh 79, 41.692, 144.910 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(143, 212, 150) }
```

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

```
.border{ border-color:rgb(143, 212, 150) }
```

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

Here you see how a box with a 4 pixel rgb(143, 212, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 212, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 212, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 212,  
150) }
```

# Background

The CSS property to change the background color of an element to CIELCh 79, 41.692, 144.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 212, 150) }
```

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

```
.background{ background-color: rgb(143,  
212, 150) }
```

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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