

Converting Colors

CIELCh(79, 42.949, 142.502)

Have a look what the booklet for
CIELCh(79, 42.949, 142.502)
contains.

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Color

CIELCh(79, 42.986, 142.592)

Conversions

Conversions Part 1

Format	Color
Hex	91D492
RGB	145, 212, 146
RGB Percent	57%, 83%, 57%
CMY	0.4329, 0.1702, 0.4290
CMYK	0.32, 0.00, 0.31, 0.17
HSL	121°, 44%, 70%
HSV	121°, 32%, 83%
XYZ	40.2064, 54.9284, 35.5205
YIQ	184.4430, -18.7460, -34.7300

Conversions

Conversions Part 2

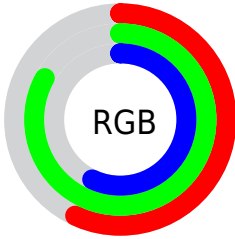
Format	Color
RYB	145, 211, 212
Decimal	9557138
CIELab	79.00, -34.15, 26.11
CIELCh	79, 42.986, 142.592
Yxy	54.9284, 0.3077, 0.4204
Android (android.graphics.Color)	4287747218 (0xFF91D492)
YUV	184.4430, -18.9524, -34.5915
Hunter-Lab	74.1137, -32.8634, 23.4636

Details

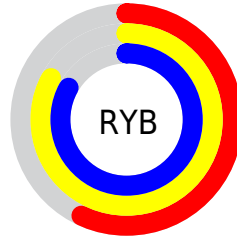
The CIELCh color $79, 42.986, 142.592$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $69, 42.972, 326.570$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 34.272, 142.579$, and $59, 42.904, 142.564$ is the 20% darker color. If you saturate the color by 10%, you get $78, 56.133, 141.626$, and if you desaturate by 10%, it is $81, 29.452, 143.434$.

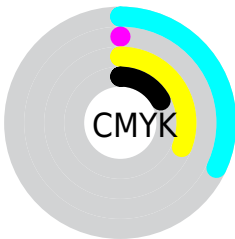
Distribution



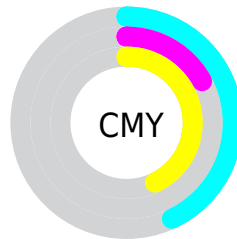
- Red (57%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.986, 142.592 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, 42.986, 142.592 by changing the saturation by 10% instead.


 79, 42.986,
142.592


 79, 42.986,
142.592


 100, 42.986,
142.592


 69, 42.986,
142.592


 99, 42.986,
142.592

 59, 42.986,
142.592

 49, 42.986,
142.592

 39, 42.986,
142.592

 29, 42.986,
142.592

 19, 42.986,
142.592

 9, 42.986, 142.592

0, 42.986, 142.592

79, 42.986,
142.592

79, 42.986,
142.592

78, 56.133,
141.626

81, 29.452,
143.434

77, 68.546,
140.545

82, 15.797,
144.160

76, 79.804,
139.388

84, 2.224, 144.876

75, 89.413,
138.234


87, 11.123,
325.245

74, 96.845,
137.210

89, 24.148,
325.695

74, 101.664,
136.461

90, 27.205,
325.372

 74, 103.787,
136.120

Harmonies

Complementary

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



79, 42.986, 142.592



69, 42.972, 326.570

Rectangle

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



79, 42.986, 142.592



79, 42.986, 192.592



79, 42.986, 322.592



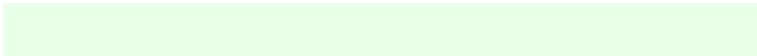
79, 42.986, 12.592

Sweetspot

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



79, 42.988, 142.592



98, 14.164, 144.331



83, 34.778, 107.122



52, 9.852, 144.234



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, 42.988, 142.592



92, 59.768, 141.954



80, 29.903, 160.682



43, 7.603, 144.311



60, 87.451, 136.154



13, 30.310, 142.318

Inverse Universe

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



69, 42.972, 326.570



78, 59.668, 326.920



67, 31.086, 346.628



41, 7.615, 325.341



40, 83.672, 328.837



6, 30.760, 328.311

Previews

White Background



This preview shows how the CIELCh color 79, 42.986, 142.592 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 CIE LCh color 79, 42.986, 142.592 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, 42.986, 142.592

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.986, 142.592.

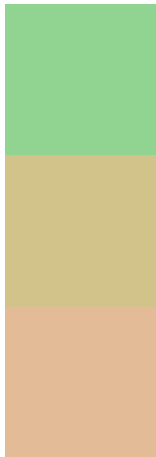


This preview shows how white text looks on a background with the CIELCh color 79, 42.986, 142.592.

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, 42.986, 142.592

Protanopia
79, 30.751, 95.844

Deuteranopia
79, 25.680, 67.799

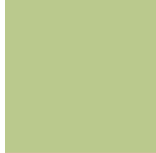


Tritanopia
79, 16.860, 231.331

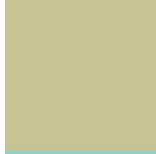
Trichromacy



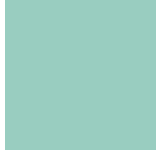
Original Color
79, 42.986, 142.592



Protanomaly
79, 32.121, 118.038



Deuteranomaly
78, 24.887, 106.031

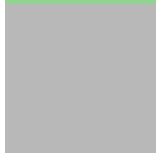


Tritanomaly
79, 19.593, 177.115

Monochromacy



Original Color
79, 42.986, 142.592



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 15.787, 143.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.986, 142.592 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(145, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 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(145, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.986, 142.592 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(145, 212, 146) }
```

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

```
.border{ border-color:rgb(145, 212, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.986, 142.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 146) }
```

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

```
.background{ background-color: rgb(145,  
212, 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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