

Converting Colors

CIELCh(79, 45.164, 141.734)

Have a look what the booklet for
CIELCh(79, 45.164, 141.734)
contains.

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Color

CIELCh(79, 45.128, 141.747)

Conversions

Conversions Part 1

Format	Color
Hex	8FD48E
RGB	143, 212, 142
RGB Percent	56%, 83%, 56%
CMY	0.4389, 0.1683, 0.4428
CMYK	0.33, 0.00, 0.33, 0.17
HSL	119°, 45%, 69%
HSV	119°, 33%, 83%
XYZ	39.7922, 54.9284, 34.1252
YIQ	183.3890, -18.6540, -36.3980

Conversions

Conversions Part 2

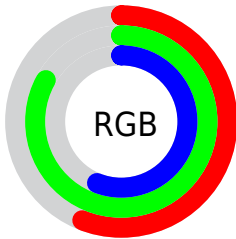
Format	Color
RYB	142, 212, 211
Decimal	9426062
CIELab	79.00, -35.44, 27.94
CIELCh	79, 45.128, 141.747
Yxy	54.9284, 0.3088, 0.4263
Android (android.graphics.Color)	4287616142 (0xFF8FD48E)
YUV	183.3890, -20.4048, -35.4212
Hunter-Lab	74.1137, -33.8609, 24.5798

Details

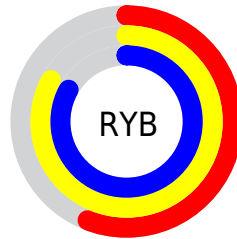
The CIELCh color **79, 45.128, 141.747** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 45.141, 325.810**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 36.380, 141.644**, and **59, 45.097, 141.610** is the 20% darker color. If you saturate the color by 10%, you get **78, 58.300, 140.798**, and if you desaturate by 10%, it is **81, 31.527, 142.582**.

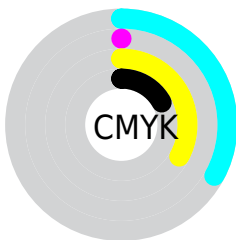
Distribution



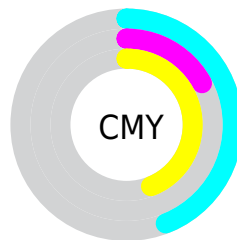
- Red (56%)
- Green (83%)
- Blue (56%)



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



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 45.128, 141.747 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, 45.128, 141.747 by changing the saturation by 10% instead.


 79, 45.128,
141.747

 79, 45.128,
141.747


 100, 45.128,
141.747


 69, 45.128,
141.747


 99, 45.128,
141.747

 59, 45.128,
141.747

 49, 45.128,
141.747

 39, 45.128,
141.747

 29, 45.128,
141.747

 19, 45.128,
141.747

 9, 45.128, 141.747

■ 0, 45.128, 141.747

■ 79, 45.128,
141.747

■ 79, 45.128,
141.747

■ 78, 58.300,
140.798

■ 81, 31.527,
142.582

■ 77, 70.676,
139.750

■ 82, 17.773,
143.304

■ 76, 81.812,
138.653

■ 84, 4.077, 143.963

■ 75, 91.179,
137.604

■ 86, 9.409, 324.385

■ 75, 98.220,
136.738

■ 89, 22.584,
324.837

■ 74, 102.520,
136.192

■ 90, 26.896,
325.361

 74, 104.160,
135.966

Harmonies

Complementary

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



79, 45.128, 141.747



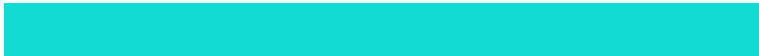
68, 45.141, 325.810

Rectangle

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



79, 45.128, 141.747



79, 45.128, 191.747



79, 45.128, 321.747



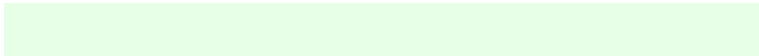
79, 45.128, 11.747

Sweetspot

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



79, 45.129, 141.747



98, 15.837, 143.495



83, 35.737, 106.274



52, 10.815, 143.402



0, 0.000, 0.000



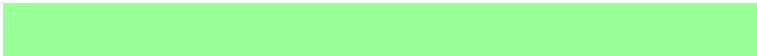
53, 0.007, 296.813

Same Dimension

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



79, 45.129, 141.747



92, 63.148, 141.054



80, 31.615, 159.673



44, 7.799, 143.539



61, 88.645, 135.951



14, 32.023, 140.831

Inverse Universe

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



68, 45.141, 325.810



77, 63.081, 326.175



67, 32.804, 345.833



42, 7.813, 324.548



40, 85.657, 327.671



6, 32.869, 327.543

Previews

White Background



This preview shows how the CIELCh color 79, 45.128, 141.747 looks on a white background.

Color Contrast Check

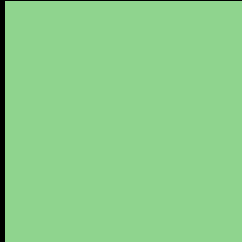
Large Text (above 18pt) WCAG AA × Fail

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, 45.128, 141.747 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, 45.128, 141.747

Background



This preview shows how black text looks on a background with the CIELCh color 79, 45.128, 141.747.

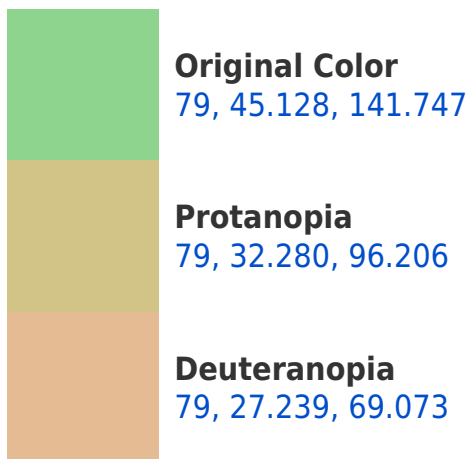


This preview shows how white text looks on a background with the CIELCh color 79, 45.128, 141.747.

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



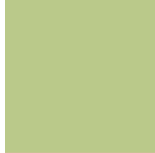


Tritanopia
79, 17.142, 228.558

Trichromacy



Original Color
79, 45.128, 141.747



Protanomaly
78, 33.635, 117.451



Deuteranomaly
78, 26.453, 105.985

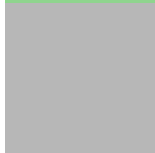


Tritanomaly
79, 20.664, 174.997

Monochromacy



Original Color
79, 45.128, 141.747



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 17.112, 143.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 45.128, 141.747 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(143, 212, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 212, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 45.128, 141.747 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, 142) }
```

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

```
.border{ border-color:rgb(143, 212, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 212, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 212, 142);  
box-shadow:4px 4px 4px 4px rgb(143, 212,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 45.128, 141.747 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, 142) }
```

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

```
.background{ background-color: rgb(143,  
212, 142) }
```

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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