

Converting Colors

CIELCh(79, 46.942, 138.355)

Have a look what the booklet for
CIELCh(79, 46.942, 138.355)
contains.

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Color

CIELCh(79, 46.954, 138.325)

Conversions

Conversions Part 1

Format	Color
Hex	93D488
RGB	147, 212, 136
RGB Percent	58%, 83%, 53%
CMY	0.4244, 0.1695, 0.4675
CMYK	0.31, 0.00, 0.36, 0.17
HSL	111°, 47%, 68%
HSV	111°, 36%, 83%
XYZ	39.9095, 54.9284, 31.7130
YIQ	183.9010, -14.3440, -37.4160

Conversions

Conversions Part 2

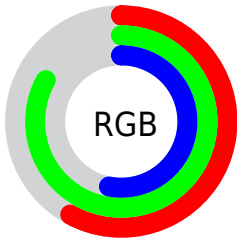
Format	Color
RYB	136, 212, 201
Decimal	9688200
CIELab	79.00, -35.07, 31.22
CIELCh	79, 46.954, 138.325
Yxy	54.9284, 0.3154, 0.4340
Android (android.graphics.Color)	4287878280 (0xFF93D488)
YUV	183.9010, -23.6152, -32.3622
Hunter-Lab	74.1137, -33.5785, 26.5096

Details

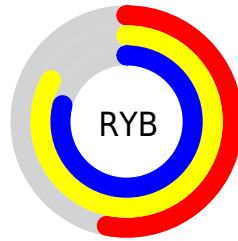
The CIELCh color **79, 46.954, 138.325** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 47.444, 322.082**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 38.218, 137.489**, and **59, 46.971, 138.126** is the 20% darker color. If you saturate the color by 10%, you get **78, 59.538, 137.573**, and if you desaturate by 10%, it is **80, 33.962, 139.017**.

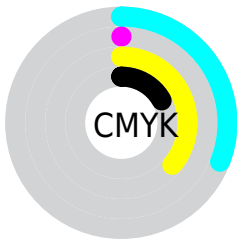
Distribution



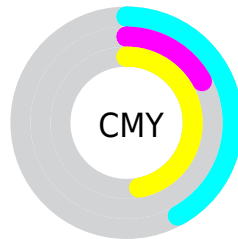
- Red (58%)
- Green (83%)
- Blue (53%)



- Red (53%)
- Yellow (83%)
- Blue (79%)



- Cyan (31%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)





- Cyan (42%)
- Magenta (17%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 46.954, 138.325 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, 46.954, 138.325 by changing the saturation by 10% instead.


 79, 46.954,
138.325

 79, 46.954,
138.325


 100, 46.954,
138.325


 69, 46.954,
138.325


 99, 46.954,
138.325

 59, 46.954,
138.325

 49, 46.954,
138.325

 39, 46.954,
138.325

 29, 46.954,
138.325

 19, 46.954,
138.325

 9, 46.954, 138.325

■ 0, 46.954, 138.325

■ 79, 46.954,
138.325

■ 79, 46.954,
138.325

■ 78, 59.538,
137.573

■ 80, 33.962,
139.017

■ 77, 71.383,
136.794

■ 82, 20.803,
139.636

■ 76, 82.064,
136.058

■ 84, 7.658, 140.190

■ 75, 91.055,
135.471


■ 86, 5.340, 320.578

■ 88, 18.103,
321.004

■ 75, 97.797,
135.166

■ 90, 27.088,
325.368

■ 74, 101.920,
135.236

 74, 103.086,
135.285

Harmonies

Complementary

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



79, 46.954, 138.325



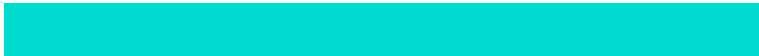
65, 47.444, 322.082

Rectangle

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



79, 46.954, 138.325



79, 46.954, 188.325



79, 46.954, 318.325



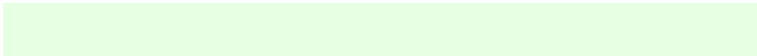
79, 46.954, 8.325

Sweetspot

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



79, 46.956, 138.326



98, 16.716, 139.905



80, 34.200, 99.228



52, 11.240, 139.829



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, 46.956, 138.326



92, 65.048, 137.759



79, 38.075, 153.240



44, 7.480, 139.998



61, 87.717, 135.177



14, 30.825, 138.224

Inverse Universe

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



65, 47.444, 322.082



74, 65.782, 322.394



66, 38.725, 339.218



42, 7.512, 320.857



36, 86.588, 322.723



5, 31.965, 322.816

Previews

White Background



This preview shows how the CIELCh color 79, 46.954, 138.325 looks on a white background.

Color Contrast Check

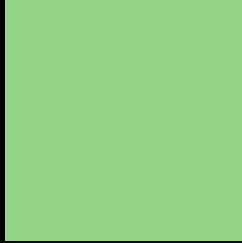
Large Text (above 18pt) WCAG AA × Fail

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, 46.954, 138.325 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, 46.954, 138.325

Background



This preview shows how black text looks on a background with the CIELCh color 79, 46.954, 138.325.

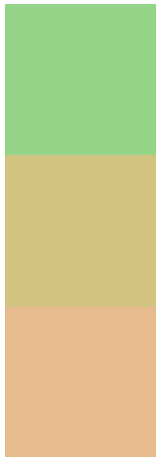


This preview shows how white text looks on a background with the CIELCh color 79, 46.954, 138.325.

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

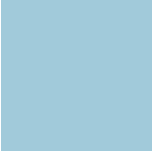
79, 46.954, 138.325

Protanopia

79, 35.406, 96.131

Deuteranopia

79, 30.837, 71.664



Tritanopia
79, 15.848, 231.407

Trichromacy



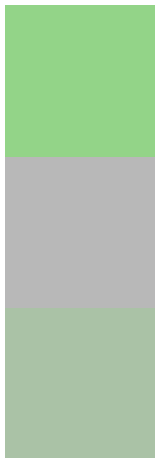
Original Color
79, 46.954, 138.325

Protanomaly
79, 37.017, 115.011

Deuteranomaly
78, 30.121, 104.291

Tritanomaly
79, 20.309, 169.621

Monochromacy



Original Color
79, 46.954, 138.325

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 17.605, 139.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 46.954, 138.325 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, 212, 136)` looks like.

```
.text, #text, p{  
    color:rgb(147, 212, 136)  
}
```

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, 212, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 212, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 46.954, 138.325 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, 212, 136) }
```

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

```
.border{ border-color:rgb(147, 212, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 212, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 212, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 212, 136);  
box-shadow:4px 4px 4px 4px rgb(147, 212,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 46.954, 138.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 212, 136) }
```

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

```
.background{ background-color: rgb(147,  
212, 136) }
```

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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