

Converting Colors

CIELCh(79, 40.968, 141.956)

Have a look what the booklet for
CIELCh(79, 40.968, 141.956)
contains.

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Color

CIELCh(79, 41.326, 141.952)

Conversions

Conversions Part 1

Format	Color
Hex	94D393
RGB	148, 211, 147
RGB Percent	58%, 83%, 58%
CMY	0.4200, 0.1729, 0.4239
CMYK	0.30, 0.00, 0.30, 0.17
HSL	119°, 42%, 70%
HSV	119°, 30%, 83%
XYZ	40.7231, 54.9284, 36.0208
YIQ	184.8670, -17.0040, -33.2600

Conversions

Conversions Part 2

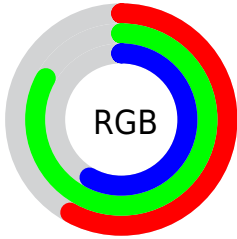
Format	Color
RYB	147, 211, 210
Decimal	9753491
CIELab	79.00, -32.54, 25.47
CIELCh	79, 41.326, 141.952
Yxy	54.9284, 0.3093, 0.4172
Android (android.graphics.Color)	4287943571 (0xFF94D393)
YUV	184.8670, -18.6684, -32.3324
Hunter-Lab	74.1137, -31.6189, 23.0634

Details

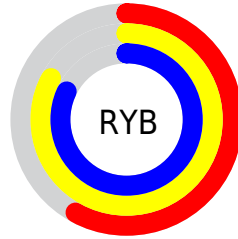
The CIELCh color **79, 41.326, 141.952** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 41.354, 325.636**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 33.239, 141.668**, and **59, 41.212, 142.002** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.581, 141.035**, and if you desaturate by 10%, it is **81, 27.727, 142.754**.

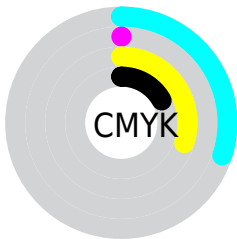
Distribution



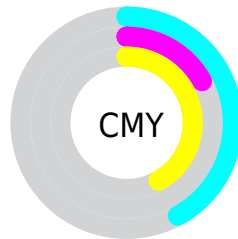
- Red (58%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 41.326, 141.952 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, 41.326, 141.952 by changing the saturation by 10% instead.


 79, 41.326,
141.952


 79, 41.326,
141.952


 100, 41.326,
141.952


 69, 41.326,
141.952


 99, 41.326,
141.952

 59, 41.326,
141.952

 49, 41.326,
141.952

 39, 41.326,
141.952

 29, 41.326,
141.952

 19, 41.326,
141.952

 9, 41.326, 141.952

■ 0, 41.326, 141.952

■ 79, 41.326,
141.952

■ 79, 41.326,
141.952

■ 78, 54.581,
141.035

■ 81, 27.727,
142.754

■ 76, 67.151,
140.014

■ 82, 14.039,
143.447

■ 76, 78.617,
138.927

■ 84, 0.454, 144.593

■ 75, 88.472,
137.857

■ 87, 12.891,
324.481

■ 74, 96.160,
136.932

■ 89, 25.908,
324.908

■ 74, 101.204,
136.295

■ 89, 27.639,
325.387

■ 74, 103.717,
135.961

Harmonies

Complementary

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



79, 41.326, 141.952



69, 41.354, 325.636

Rectangle

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



79, 41.326, 141.952



79, 41.326, 191.952



79, 41.326, 321.952



79, 41.326, 11.952

Sweetspot

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



79, 41.328, 141.952



98, 14.238, 143.528



83, 32.765, 106.535



52, 9.903, 143.433



0, 0.000, 0.000



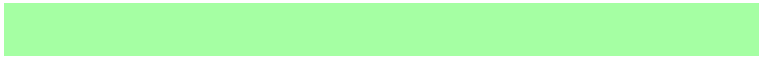
53, 0.007, 296.813

Same Dimension

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



79, 41.328, 141.952



93, 57.013, 141.411



80, 28.997, 159.971



43, 7.642, 143.508



60, 87.657, 135.944



13, 30.391, 141.771

Inverse Universe

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



69, 41.354, 325.636



79, 57.004, 325.942



68, 30.006, 345.537



41, 7.656, 324.512



39, 84.715, 327.622



6, 30.989, 327.262

Previews

White Background



This preview shows how the CIELCh color 79, 41.326, 141.952 looks on a white background.

Color Contrast Check

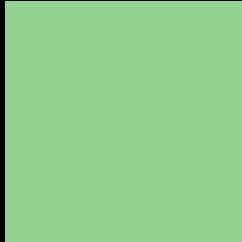
Large Text (above 18pt) WCAG AA × Fail

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, 41.326, 141.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

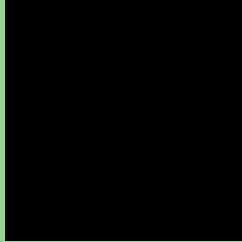
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 41.326, 141.952

Background



This preview shows how black text looks on a background with the CIELCh color 79, 41.326, 141.952.



This preview shows how white text looks on a background with the CIELCh color 79, 41.326, 141.952.

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](#).

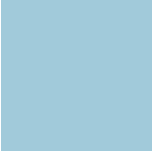
Dichromacy



Original Color
79, 41.326, 141.952

Protanopia
79, 29.730, 95.574

Deuteranopia
79, 25.260, 67.105



Tritanopia
79, 15.848, 231.407

Trichromacy



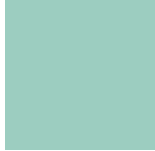
Original Color
79, 41.326, 141.952



Protanomaly
79, 31.030, 117.746



Deuteranomaly
78, 24.379, 105.104

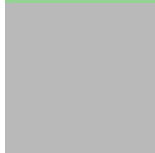


Tritanomaly
79, 18.689, 176.144

Monochromacy



Original Color
79, 41.326, 141.952



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, 41.326, 141.952 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(148, 211, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 211, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 41.326, 141.952 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, 147) }
```

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

```
.border{ border-color:rgb(148, 211, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 211, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 211, 147);  
box-shadow:4px 4px 4px 4px rgb(148, 211,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 41.326, 141.952 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, 147) }
```

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

```
.background{ background-color: rgb(148,  
211, 147) }
```

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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