

Converting Colors

CIELCh(79, 31.483, 158.098)

Have a look what the booklet for
CIELCh(79, 31.483, 158.098)
contains.

CIELCh(79, 31.464, 158.382)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 31.464, 158.382)

Conversions

Conversions Part 1

Format	Color
Hex	8ED2AD
RGB	142, 210, 173
RGB Percent	56%, 82%, 68%
CMY	0.4427, 0.1760, 0.3212
CMYK	0.32, 0.00, 0.18, 0.18
HSL	147°, 43%, 69%
HSV	147°, 32%, 82%
XYZ	41.7998, 54.9284, 47.9871
YIQ	185.4500, -28.6510, -25.9230

Conversions

Conversions Part 2

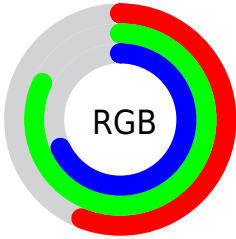
Format	Color
RYB	142, 189, 210
Decimal	9360045
CIELab	79.00, -29.25, 11.59
CIElCh	79, 31.464, 158.382
Yxy	54.9284, 0.2888, 0.3796
Android (android.graphics.Color)	4287550125 (0xFF8ED2AD)
YUV	185.4500, -6.1379, -38.1057
Hunter-Lab	74.1137, -29.0258, 13.4905

Details

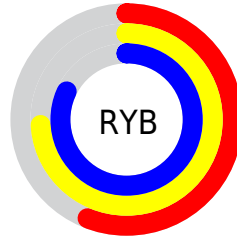
The CIELCh color **79, 31.464, 158.382** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 32.462, 344.239**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 24.495, 163.464**, and **59, 31.238, 158.719** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.747, 157.198**, and if you desaturate by 10%, it is **80, 21.866, 159.428**.

Distribution



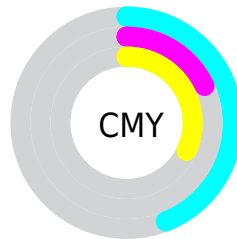
- Red (56%)
- Green (82%)
- Blue (68%)



- Red (56%)
- Yellow (74%)
- Blue (82%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)





- Cyan (44%)
- Magenta (18%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.464, 158.382 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, 31.464, 158.382 by changing the saturation by 10% instead.


 79, 31.464,
158.382


 79, 31.464,
158.382


 100, 31.464,
158.382


 69, 31.464,
158.382


 99, 31.464,
158.382

 59, 31.464,
158.382

 49, 31.464,
158.382

 39, 31.464,
158.382

 29, 31.464,
158.382

 19, 31.464,
158.382

 9, 31.464, 158.382

■ 0, 31.464, 158.382

■ 79, 31.464,
158.382

■ 79, 31.464,
158.382

■ 78, 40.747,
157.198

■ 80, 21.866,
159.428

■ 77, 49.543,
155.853

■ 82, 12.102,
160.368

■ 76, 57.688,
154.322

■ 84, 2.305, 161.337

■ 75, 65.037,
152.588

■ 86, 7.423, 341.852

■ 75, 71.497,
150.642

■ 88, 17.001,
342.561

■ 74, 77.046,
148.503

■ 89, 22.909,
335.350

■ 89, 27.360,

■ 74, 80.783,
146.822

326.548

■ 89, 28.136,
325.404

Harmonies

Complementary

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



79, 31.464, 158.382



67, 32.462, 344.239

Rectangle

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



79, 31.464, 158.382



79, 31.464, 208.382



79, 31.464, 338.382



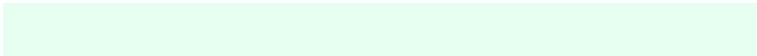
79, 31.464, 28.382

Sweetspot

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



79, 31.465, 158.381



98, 11.447, 160.569



81, 37.504, 125.742



52, 7.812, 160.442



0, 0.000, 0.000



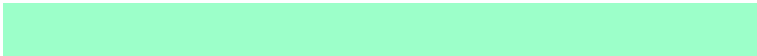
53, 0.007, 296.813

Same Dimension

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



79, 31.465, 158.381



93, 44.053, 157.561



80, 22.637, 193.160



43, 5.528, 160.632



60, 67.930, 147.203



13, 23.252, 152.736

Inverse Universe

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



67, 32.462, 344.239



76, 45.679, 345.028



66, 27.697, 18.410



41, 5.586, 342.054



36, 62.768, 357.583



5, 22.299, 351.048

Previews

White Background



This preview shows how the CIELCh color 79, 31.464, 158.382 looks on a white background.

Color Contrast Check

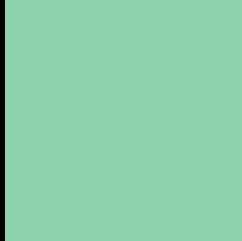
Large Text (above 18pt) WCAG AA × Fail

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, 31.464, 158.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

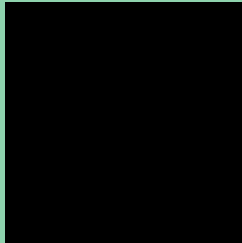
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 31.464, 158.382

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.464, 158.382.

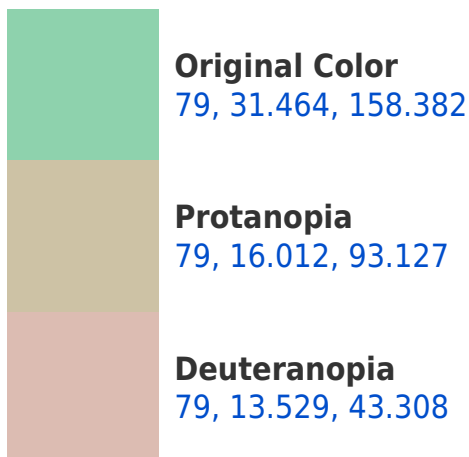


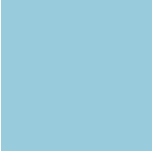
This preview shows how white text looks on a background with the CIELCh color 79, 31.464, 158.382.

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, 18.700, 225.713

Trichromacy



Original Color
79, 31.464, 158.382



Protanomaly
79, 18.372, 130.532



Deuteranomaly
78, 10.762, 117.309

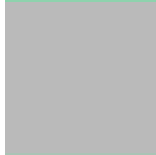


Tritanomaly
79, 19.685, 193.276

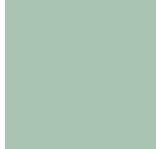
Monochromacy



Original Color
79, 31.464, 158.382



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 11.948, 159.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.464, 158.382 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(142, 210, 173)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 173)  
}
```

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(142, 210, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.464, 158.382 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(142, 210, 173) }
```

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

```
.border{ border-color:rgb(142, 210, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 210, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 173);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.464, 158.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 210, 173) }
```

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

```
.background{ background-color: rgb(142,  
210, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor