

Converting Colors

CIELCh(79, 36.298, 151.430)

Have a look what the booklet for
CIELCh(79, 36.298, 151.430)
contains.

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Color

CIELCh(79, 36.323, 151.196)

Conversions

Conversions Part 1

Format	Color
Hex	8ED3A2
RGB	142, 211, 162
RGB Percent	56%, 83%, 64%
CMY	0.4433, 0.1727, 0.3648
CMYK	0.33, 0.00, 0.23, 0.17
HSL	137°, 44%, 69%
HSV	137°, 33%, 83%
XYZ	40.9553, 54.9284, 42.6121
YIQ	184.7830, -25.3950, -29.8670

Conversions

Conversions Part 2

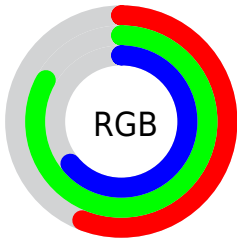
Format	Color
RYB	142, 195, 211
Decimal	9360290
CIELab	79.00, -31.83, 17.50
CIELCh	79, 36.323, 151.196
Yxy	54.9284, 0.2957, 0.3966
Android (android.graphics.Color)	4287550370 (0xFF8ED3A2)
YUV	184.7830, -11.2320, -37.5207
Hunter-Lab	74.1137, -31.0596, 17.7904

Details

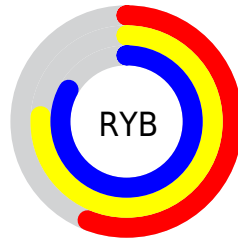
The CIELCh color **79, 36.323, 151.196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 36.696, 336.236**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.328, 154.335**, and **59, 36.368, 151.070** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.065, 150.089**, and if you desaturate by 10%, it is **80, 25.283, 152.157**.

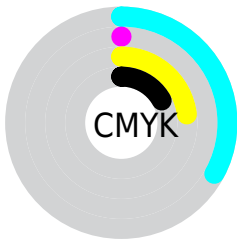
Distribution



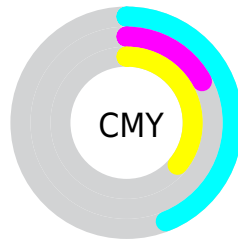
- Red (56%)
- Green (83%)
- Blue (64%)



- Red (56%)
- Yellow (76%)
- Blue (83%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)




- Cyan (44%)
- Magenta (17%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.323, 151.196 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, 36.323, 151.196 by changing the saturation by 10% instead.


 79, 36.323,
151.196


 79, 36.323,
151.196


 100, 36.323,
151.196


 69, 36.323,
151.196


 99, 36.323,
151.196

 59, 36.323,
151.196

 49, 36.323,
151.196

 39, 36.323,
151.196

 29, 36.323,
151.196

 19, 36.323,
151.196

 9, 36.323, 151.196

0, 36.323, 151.196

79, 36.323,
151.196

79, 36.323,
151.196

78, 47.065,
150.089

80, 25.283,
152.157

77, 57.299,
148.817

82, 14.120,
152.999

76, 66.809,
147.364

84, 2.986, 153.817

75, 75.387,
145.727

86, 8.009, 334.292

88, 18.780,
334.879

75, 82.864,
143.926

89, 26.291,
327.398

74, 89.122,
142.016

89, 27.595,

■ 74, 92.961,
140.658

325.385

Harmonies

Complementary

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



79, 36.323, 151.196



67, 36.696, 336.236

Rectangle

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



79, 36.323, 151.196



79, 36.323, 201.196



79, 36.323, 331.196



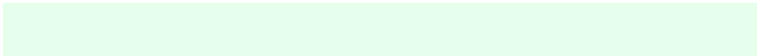
79, 36.323, 21.196

Sweetspot

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



79, 36.324, 151.196



98, 12.944, 153.204



82, 36.730, 119.226



52, 8.837, 153.093



0, 0.000, 0.000



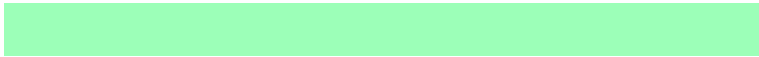
53, 0.007, 296.813

Same Dimension

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



79, 36.324, 151.196



93, 50.284, 150.470



80, 24.922, 178.871



43, 6.250, 153.259



60, 77.972, 140.986



13, 26.234, 147.423

Inverse Universe

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



67, 36.696, 336.236



76, 50.796, 336.788



66, 28.384, 5.746



41, 6.280, 334.482



37, 68.153, 344.000



5, 24.888, 340.349

Previews

White Background



This preview shows how the CIELCh color 79, 36.323, 151.196 looks on a white background.

Color Contrast Check

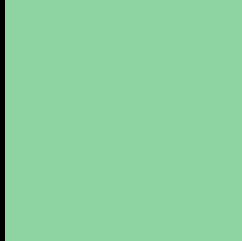
Large Text (above 18pt) WCAG AA × Fail

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, 36.323, 151.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

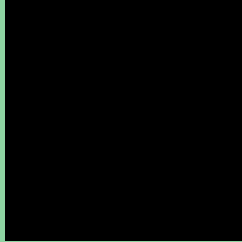
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.323, 151.196

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.323, 151.196.



This preview shows how white text looks on a background with the CIELCh color 79, 36.323, 151.196.

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, 36.323, 151.196

Protanopia
79, 21.872, 94.459

Deuteranopia
78, 17.913, 56.477



Tritanopia
79, 18.131, 228.677

Trichromacy



Original Color
79, 36.323, 151.196



Protanomaly
78, 23.735, 124.253



Deuteranomaly
78, 16.489, 111.355



Tritanomaly
79, 19.606, 186.915

Monochromacy



Original Color
79, 36.323, 151.196



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 13.081, 154.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.323, 151.196 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, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(142, 211, 162)  
}
```

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, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 211, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.323, 151.196 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, 211, 162) }
```

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

```
.border{ border-color:rgb(142, 211, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 211, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(142, 211,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.323, 151.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 211, 162) }
```

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

```
.background{ background-color: rgb(142,  
211, 162) }
```

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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