

Converting Colors

CIELCh(79, 36.881, 152.599)

Have a look what the booklet for
CIELCh(79, 36.881, 152.599)
contains.

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Color

CIELCh(79, 36.621, 152.751)

Conversions

Conversions Part 1

Format	Color
Hex	8BD3A3
RGB	139, 211, 163
RGB Percent	55%, 83%, 64%
CMY	0.4536, 0.1712, 0.3595
CMYK	0.34, 0.00, 0.23, 0.17
HSL	140°, 45%, 69%
HSV	140°, 34%, 83%
XYZ	40.7189, 54.9284, 43.2565
YIQ	184.0000, -27.5040, -30.1920

Conversions

Conversions Part 2

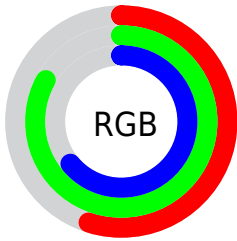
Format	Color
RYB	139, 193, 211
Decimal	9163683
CIELab	79.00, -32.56, 16.77
CIELCh	79, 36.621, 152.751
Yxy	54.9284, 0.2931, 0.3954
Android (android.graphics.Color)	4287353763 (0xFF8BD3A3)
YUV	184.0000, -10.3530, -39.4650
Hunter-Lab	74.1137, -31.6291, 17.2749

Details

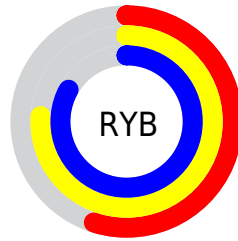
The CIELCh color **79, 36.621, 152.751** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 37.161, 338.273**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 28.696, 156.323**, and **59, 36.625, 152.594** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.944, 151.600**, and if you desaturate by 10%, it is **80, 25.973, 153.754**.

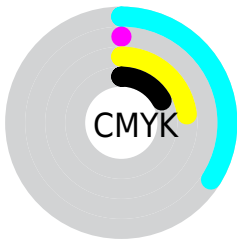
Distribution



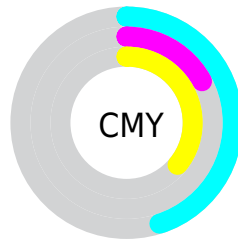
- Red (55%)
- Green (83%)
- Blue (64%)



- Red (55%)
- Yellow (76%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (45%)
- Magenta (17%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.621, 152.751 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, 36.621, 152.751 by changing the saturation by 10% instead.


 79, 36.621,
152.751


 79, 36.621,
152.751


 100, 36.621,
152.751


 69, 36.621,
152.751


 99, 36.621,
152.751

 59, 36.621,
152.751

 49, 36.621,
152.751

 39, 36.621,
152.751

 29, 36.621,
152.751

 19, 36.621,
152.751

 9, 36.621, 152.751

■ 0, 36.621, 152.751

■ 79, 36.621,
152.751

■ 79, 36.621,
152.751

■ 78, 46.944,
151.600

■ 80, 25.973,
153.754

■ 77, 56.743,
150.280

■ 82, 15.173,
154.635

■ 76, 65.817,
148.772

■ 84, 4.369, 155.458

■ 75, 73.986,
147.071

■ 86, 6.324, 335.991

■ 75, 81.113,
145.191

■ 88, 16.821,
336.627

■ 74, 87.127,
143.178

■ 89, 24.460,
330.317

■ 90, 27.364,

■ 74, 90.236,
142.008

325.377

Harmonies

Complementary

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



79, 36.621, 152.751



67, 37.161, 338.273

Rectangle

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



79, 36.621, 152.751



79, 36.621, 202.751



79, 36.621, 332.751



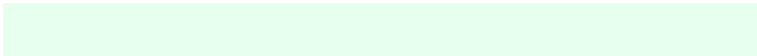
79, 36.621, 22.751

Sweetspot

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



79, 36.622, 152.751



98, 12.535, 154.959



82, 38.512, 120.500



52, 8.558, 154.844



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, 36.622, 152.751



92, 51.005, 151.919



80, 25.377, 181.390



43, 6.053, 155.016



60, 75.555, 142.361



13, 25.524, 148.527

Inverse Universe

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



67, 37.161, 338.273



75, 51.781, 338.940



66, 29.515, 8.469



41, 6.089, 336.287



37, 66.354, 347.228



5, 24.112, 342.922

Previews

White Background



This preview shows how the CIELCh color 79, 36.621, 152.751 looks on a white background.

Color Contrast Check

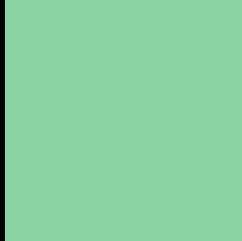
Large Text (above 18pt) WCAG AA × Fail

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, 36.621, 152.751 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, 36.621, 152.751

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.621, 152.751.

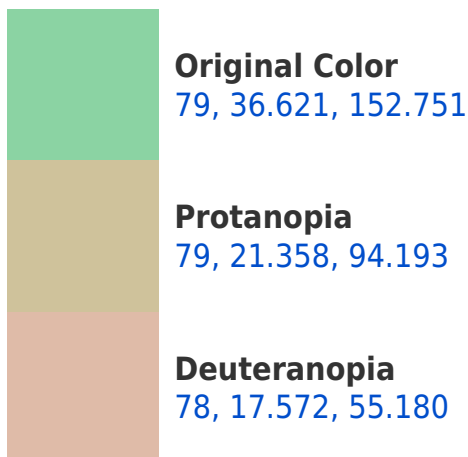


This preview shows how white text looks on a background with the CIELCh color 79, 36.621, 152.751.

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, 18.961, 225.291

Trichromacy



Original Color
79, 36.621, 152.751



Protanomaly
78, 23.350, 125.522



Deuteranomaly
78, 15.989, 112.871

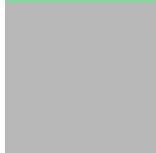


Tritanomaly
79, 20.961, 186.047

Monochromacy



Original Color
79, 36.621, 152.751



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 13.732, 153.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.621, 152.751 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(139, 211, 163)` looks like.

```
.text, #text, p{  
    color:rgb(139, 211, 163)  
}
```

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(139, 211, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 211, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.621, 152.751 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(139, 211, 163) }
```

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

```
.border{ border-color:rgb(139, 211, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 211, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 211, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 211, 163);  
box-shadow:4px 4px 4px 4px rgb(139, 211,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.621, 152.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 211, 163) }
```

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

```
.background{ background-color: rgb(139,  
211, 163) }
```

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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