

Converting Colors

CIELCh(76, 23.436, 152.588)

Have a look what the booklet for
CIELCh(76, 23.436, 152.588)
contains.

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Color

CIELCh(76, 23.401, 152.425)

Conversions

Conversions Part 1

Format	Color
Hex	9AC6A7
RGB	154, 198, 167
RGB Percent	60%, 78%, 65%
CMY	0.3971, 0.2246, 0.3461
CMYK	0.22, 0.00, 0.16, 0.22
HSL	138°, 28%, 69%
HSV	138°, 22%, 78%
XYZ	40.3580, 49.8872, 43.9328
YIQ	181.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

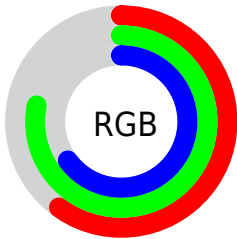
Format	Color
RYB	154, 188, 198
Decimal	10143399
CIELab	76.00, -20.74, 10.83
CIElCh	76, 23.401, 152.425
Yxy	49.8872, 0.3008, 0.3718
Android (android.graphics.Color)	4288333479 (0xFF9AC6A7)
YUV	181.3100, -7.0548, -23.9509
Hunter-Lab	70.6309, -21.6104, 12.5629

Details

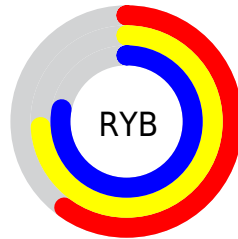
The CIELCh color **76, 23.401, 152.425** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 23.604, 335.652**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 23.544, 152.267**, and **56, 23.415, 152.394** is the 20% darker color. If you saturate the color by 10%, you get **75, 33.842, 151.471**, and if you desaturate by 10%, it is **78, 12.857, 153.261**.

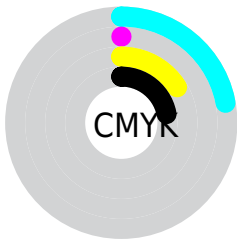
Distribution



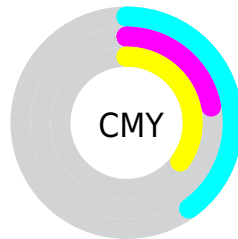
- Red (60%)
- Green (78%)
- Blue (65%)



- Red (60%)
- Yellow (74%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 23.401, 152.425 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 76, 23.401, 152.425 by changing the saturation by 10% instead.


 76, 23.401,
152.425


 76, 23.401,
152.425


 100, 23.401,
152.425


 66, 23.401,
152.425


 96, 23.401,
152.425

 56, 23.401,
152.425

 46, 23.401,
152.425

 36, 23.401,
152.425

 26, 23.401,
152.425

 16, 23.401,
152.425

 6, 23.401, 152.425

■ 0, 23.401, 152.425

■ 76, 23.401,
152.425

■ 76, 23.401,
152.425

■ 75, 33.842,
151.471

■ 78, 12.857,
153.261

■ 73, 44.008,
150.376

■ 79, 2.342, 154.098

■ 72, 53.710,
149.117

■ 81, 8.037, 334.547

■ 71, 62.744,
147.679

■ 83, 18.206,
335.130

■ 71, 70.919,
146.057

■ 86, 28.112,
335.636

■ 70, 78.074,
144.268

■ 86, 33.983,
328.020

■ 86, 35.920,

■ 70, 84.099,
142.359

325.673

■ 70, 88.040,
140.911

Harmonies

Complementary

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



76, 23.401, 152.425



68, 23.604, 335.652

Rectangle

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



76, 23.401, 152.425



76, 23.401, 202.425



76, 23.401, 332.425



76, 23.401, 22.425

Sweetspot

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



76, 23.403, 152.424



98, 9.007, 153.662



78, 23.834, 119.859



52, 5.855, 153.615



0, 0.000, 0.000



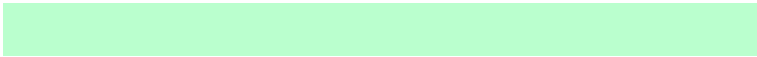
53, 0.007, 296.813

Same Dimension

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



76, 23.403, 152.424



95, 34.891, 151.949



77, 16.456, 179.959



41, 5.972, 153.485



58, 75.836, 141.206



11, 22.964, 149.322

Inverse Universe

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



68, 23.604, 335.652



83, 35.235, 336.048



68, 17.924, 4.280



39, 6.002, 334.706



36, 66.412, 344.354



4, 20.644, 340.302

Previews

White Background



This preview shows how the CIELCh color 76, 23.401, 152.425 looks on a white background.

Color Contrast Check

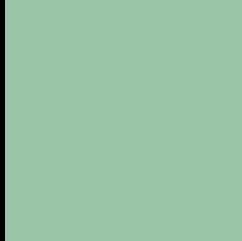
Large Text (above 18pt) WCAG AA × Fail

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 76, 23.401, 152.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

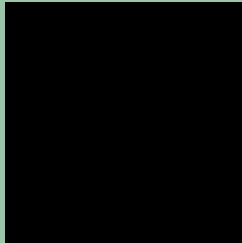
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.401, 152.425

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.401, 152.425.



This preview shows how white text looks on a background with the CIELCh color 76, 23.401, 152.425.

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
76, 23.401, 152.425

Protanopia
76, 13.964, 92.558

Deuteranopia
76, 13.293, 43.946



Tritanopia
76, 13.097, 237.057

Trichromacy



Original Color
76, 23.401, 152.425

Protanomaly
76, 14.887, 122.285

Deuteranomaly
75, 9.246, 99.719

Tritanomaly
76, 12.742, 193.583

Monochromacy



Original Color
76, 23.401, 152.425

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.459, 154.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.401, 152.425 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(154, 198, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 198, 167)  
}
```

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(154, 198, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 198, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.401, 152.425 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(154, 198, 167) }
```

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

```
.border{ border-color:rgb(154, 198, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 198, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 198, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 198, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 198,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.401, 152.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 198, 167) }
```

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

```
.background{ background-color: rgb(154,  
198, 167) }
```

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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