

Converting Colors

CIELCh(76, 29.687, 143.600)

Have a look what the booklet for
CIELCh(76, 29.687, 143.600)
contains.

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Color

CIELCh(76, 29.773, 143.503)

Conversions

Conversions Part 1

Format	Color
Hex	99C79A
RGB	153, 199, 154
RGB Percent	60%, 78%, 60%
CMY	0.4004, 0.2200, 0.3965
CMYK	0.23, 0.00, 0.23, 0.22
HSL	121°, 29%, 69%
HSV	121°, 23%, 78%
XYZ	39.3386, 49.8872, 38.0817
YIQ	180.1160, -12.9710, -23.7470

Conversions

Conversions Part 2

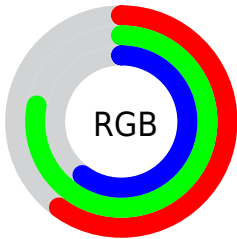
Format	Color
R _Y B	153, 198, 199
Decimal	10078106
CIE Lab	76.00, -23.93, 17.71
CIE LCh	76, 29.773, 143.503
Yxy	49.8872, 0.3090, 0.3919
Android (android.graphics.Color)	4288268186 (0xFF99C79A)
YUV	180.1160, -12.8752, -23.7807
Hunter-Lab	70.6309, -24.1868, 17.4745

Details

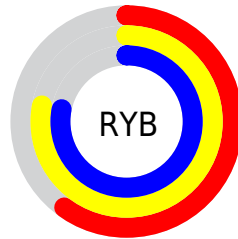
The CIELCh color **76, 29.773, 143.503** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 29.793, 326.289**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 29.021, 143.830**, and **56, 29.687, 143.600** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.556, 142.647**, and if you desaturate by 10%, it is **78, 16.851, 144.243**.

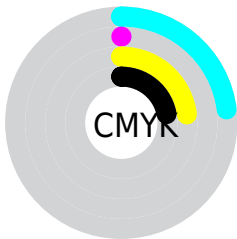
Distribution



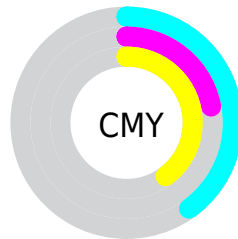
- Red (60%)
- Green (78%)
- Blue (60%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 29.773, 143.503 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, 29.773, 143.503 by changing the saturation by 10% instead.


 76, 29.773,
143.503


 76, 29.773,
143.503


 100, 29.773,
143.503


 66, 29.773,
143.503


 96, 29.773,
143.503

 56, 29.773,
143.503

 46, 29.773,
143.503

 36, 29.773,
143.503

 26, 29.773,
143.503

 16, 29.773,
143.503

 6, 29.773, 143.503

0, 29.773, 143.503

76, 29.773,
143.503

76, 29.773,
143.503

75, 42.556,
142.647

78, 16.851,
144.243

73, 54.934,
141.665

80, 3.981, 144.916

72, 66.582,
140.570

82, 8.692, 325.349

71, 77.099,
139.402

84, 21.072,
325.814

71, 86.025,
138.242

86, 33.099,
326.199

70, 92.872,
137.216

87, 35.191,
325.648

■ 70, 97.253,
136.465

■ 70, 98.948,
136.177

Harmonies

Complementary

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



76, 29.773, 143.503



69, 29.793, 326.289

Rectangle

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



76, 29.773, 143.503



76, 29.773, 193.503



76, 29.773, 323.503



76, 29.773, 13.503

Sweetspot

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



76, 29.775, 143.503



98, 10.949, 144.644



79, 24.296, 108.669



52, 7.118, 144.604



0, 0.000, 0.000



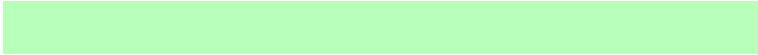
53, 0.007, 296.813

Same Dimension

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



76, 29.775, 143.503



94, 44.085, 143.066



77, 20.634, 162.489



41, 7.263, 144.495



58, 85.347, 136.222



11, 26.322, 143.959

Inverse Universe

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



69, 29.793, 326.289



83, 44.090, 326.577



68, 21.286, 346.643



39, 7.274, 325.520



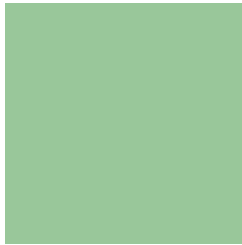
38, 81.374, 329.108



4, 26.251, 327.732

Previews

White Background



This preview shows how the CIELCh color 76, 29.773, 143.503 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, 29.773, 143.503 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, 29.773, 143.503

Background



This preview shows how black text looks on a background with the CIELCh color 76, 29.773, 143.503.



This preview shows how white text looks on a background with the CIELCh color 76, 29.773, 143.503.

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](#).

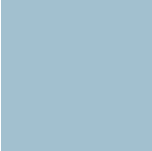
Dichromacy



Original Color
76, 29.773, 143.503

Protanopia
76, 21.008, 93.796

Deuteranopia
76, 18.465, 59.629



Tritanopia
76, 12.845, 237.962

Trichromacy



Original Color
76, 29.773, 143.503

Protanomaly
76, 22.159, 117.336

Deuteranomaly
76, 16.181, 101.647

Tritanomaly
76, 13.433, 182.054

Monochromacy



Original Color
76, 29.773, 143.503

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 10.792, 145.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 29.773, 143.503 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(153, 199, 154)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 154)  
}
```

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(153, 199, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 29.773, 143.503 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(153, 199, 154) }
```

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

```
.border{ border-color:rgb(153, 199, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 199, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 199, 154); box-shadow:4px 4px 4px 4px rgb(153, 199, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 29.773, 143.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 154) }
```

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

```
.background{ background-color: rgb(153,  
199, 154) }
```

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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