

Converting Colors

CIELCh(76, 24.398, 127.644)

Have a look what the booklet for
CIELCh(76, 24.398, 127.644)
contains.

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Color

CIELCh(76, 24.373, 127.647)

Conversions

Conversions Part 1

Format	Color
Hex	ADC297
RGB	173, 194, 151
RGB Percent	68%, 76%, 59%
CMY	0.3204, 0.2380, 0.4067
CMYK	0.11, 0.00, 0.22, 0.24
HSL	89°, 26%, 68%
HSV	89°, 22%, 76%
XYZ	42.2741, 49.8872, 36.8072
YIQ	182.8190, 1.2870, -17.8250

Conversions

Conversions Part 2

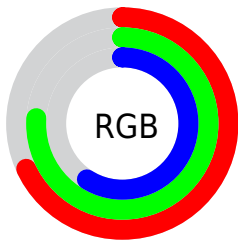
Format	Color
RYB	151, 194, 172
Decimal	11387543
CIELab	76.00, -14.89, 19.30
CIElCh	76, 24.373, 127.647
Yxy	49.8872, 0.3278, 0.3868
Android (android.graphics.Color)	4289577623 (0xFFADC297)
YUV	182.8190, -15.6868, -8.6113
Hunter-Lab	70.6309, -16.7679, 18.5444

Details

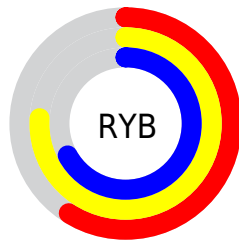
The CIELCh color $76, 24.373, 127.647$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $66, 25.141, 309.713$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 24.788, 127.456$, and $56, 24.117, 127.787$ is the 20% darker color. If you saturate the color by 10%, you get $75, 35.284, 127.162$, and if you desaturate by 10%, it is $77, 13.363, 128.128$.

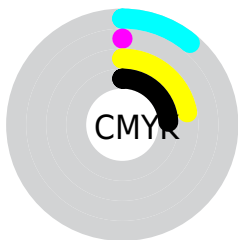
Distribution



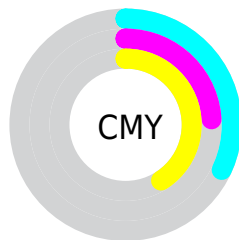
- Red (68%)
- Green (76%)
- Blue (59%)



- Red (59%)
- Yellow (76%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)




- Cyan (32%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 24.373, 127.647 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, 24.373, 127.647 by changing the saturation by 10% instead.

 76, 24.373,
127.647


 76, 24.373,
127.647


 100, 24.373,
127.647


 66, 24.373,
127.647


 96, 24.373,
127.647

 56, 24.373,
127.647

 46, 24.373,
127.647

 36, 24.373,
127.647

 26, 24.373,
127.647

 16, 24.373,
127.647

 6, 24.373, 127.647

■ 0, 24.373, 127.647

■ 76, 24.373,
127.647

■ 76, 24.373,
127.647

■ 75, 35.284,
127.162

■ 77, 13.363,
128.128

■ 74, 45.957,
126.690

■ 78, 2.341, 128.617

■ 73, 56.200,
126.274

■ 80, 8.625, 308.974

■ 72, 65.734,
125.981

■ 81, 19.487,
309.363

■ 72, 74.175,
125.905

■ 82, 30.213,
309.712

■ 71, 81.055,
126.170

■ 83, 34.437,
313.273

■ 84, 35.632,

■ 71, 85.963,
126.892

318.284

■ 70, 88.630,
127.712

■ 85, 37.071,
323.019

■ 86, 38.057,
325.746

Harmonies

Complementary

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



76, 24.373, 127.647



66, 25.141, 309.713

Rectangle

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



76, 24.373, 127.647



76, 24.373, 177.647



76, 24.373, 307.647



76, 24.373, 357.647

Sweetspot

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



76, 24.375, 127.649



98, 9.520, 128.364



72, 14.426, 70.913



53, 6.237, 128.335



0, 0.000, 0.000



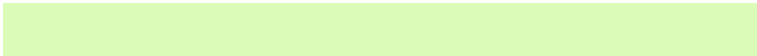
53, 0.007, 296.813

Same Dimension

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



76, 24.375, 127.649



95, 36.727, 127.391



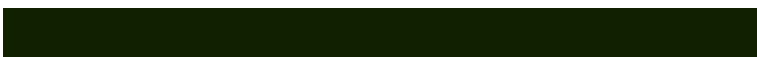
75, 28.225, 142.600



40, 6.224, 128.258



59, 76.803, 127.480



11, 21.036, 132.039

Inverse Universe

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



66, 25.141, 309.713



80, 38.182, 309.994



68, 28.260, 325.168



38, 6.311, 309.072



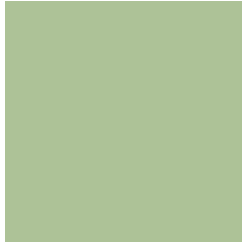
24, 88.449, 311.756



2, 20.175, 304.945

Previews

White Background



This preview shows how the CIELCh color 76, 24.373, 127.647 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, 24.373, 127.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

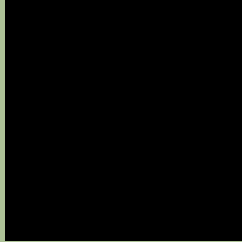
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 24.373, 127.647

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.373, 127.647.



This preview shows how white text looks on a background with the CIELCh color 76, 24.373, 127.647.

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, 24.373, 127.647

Protanopia
76, 21.406, 95.143

Deuteranopia
76, 20.617, 62.377



Tritanopia
76, 8.317, 276.097

Trichromacy



Original Color
76, 24.373, 127.647

Protanomaly
76, 21.854, 108.107

Deuteranomaly
76, 18.328, 88.088

Tritanomaly
76, 5.508, 163.205

Monochromacy



Original Color
76, 24.373, 127.647

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.147, 128.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.373, 127.647 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(173, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(173, 194, 151)  
}
```

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(173, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 194, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.373, 127.647 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(173, 194, 151) }
```

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

```
.border{ border-color:rgb(173, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 194, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 194, 151); box-shadow:4px 4px 4px 4px rgb(173, 194, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.373, 127.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 194, 151) }
```

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

```
.background{ background-color: rgb(173,  
194, 151) }
```

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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