

Converting Colors

CIELCh(76, 26.440, 137.449)

Have a look what the booklet for
CIELCh(76, 26.440, 137.449)
contains.

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Color

CIELCh(76, 26.458, 137.459)

Conversions

Conversions Part 1

Format	Color
Hex	A3C59A
RGB	163, 197, 154
RGB Percent	64%, 77%, 60%
CMY	0.3618, 0.2285, 0.3971
CMYK	0.17, 0.00, 0.22, 0.23
HSL	107°, 27%, 69%
HSV	107°, 22%, 77%
XYZ	40.7616, 49.8872, 37.9357
YIQ	181.9320, -6.4610, -20.5810

Conversions

Conversions Part 2

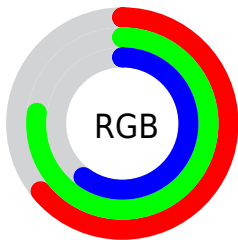
Format	Color
RYB	154, 197, 188
Decimal	10732954
CIELab	76.00, -19.49, 17.89
CIElCh	76, 26.458, 137.459
Yxy	49.8872, 0.3170, 0.3880
Android (android.graphics.Color)	4288923034 (0xFFA3C59A)
YUV	181.9320, -13.7705, -16.6034
Hunter-Lab	70.6309, -20.5904, 17.5971

Details

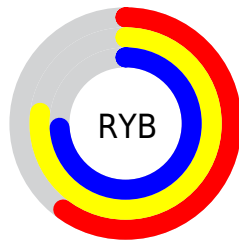
The CIELCh color **76, 26.458, 137.459** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **68, 26.746, 319.488**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 26.452, 137.944**, and **56, 26.190, 137.404** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.540, 136.862**, and if you desaturate by 10%, it is **77, 14.308, 138.000**.

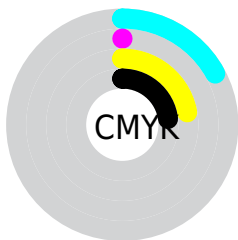
Distribution



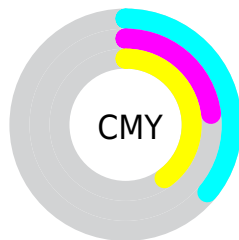
- Red (64%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)





- Cyan (36%)
- Magenta (23%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.458, 137.459 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, 26.458, 137.459 by changing the saturation by 10% instead.


 76, 26.458,
137.459


 76, 26.458,
137.459


 100, 26.458,
137.459


 66, 26.458,
137.459


 96, 26.458,
137.459

 56, 26.458,
137.459

 46, 26.458,
137.459

 36, 26.458,
137.459

 26, 26.458,
137.459

 16, 26.458,
137.459

 6, 26.458, 137.459

0, 26.458, 137.459

76, 26.458,
137.459

76, 26.458,
137.459

75, 38.540,
136.862

77, 14.308,
138.000

73, 50.364,
136.217

79, 2.217, 138.546

72, 61.686,
135.552

81, 9.719, 318.841

83, 21.434,
319.204

72, 72.168,
134.924

85, 32.887,
319.508

71, 81.374,
134.424

86, 36.551,
325.694

70, 88.791,
134.174

■ 70, 93.956,
134.293

■ 70, 96.647,
134.582

Harmonies

Complementary

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



76, 26.458, 137.459



68, 26.746, 319.488

Rectangle

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



76, 26.458, 137.459



76, 26.458, 187.459



76, 26.458, 317.459



76, 26.458, 7.459

Sweetspot

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



76, 26.460, 137.460



99, 10.402, 138.240



76, 18.389, 96.832



52, 6.762, 138.209



0, 0.000, 0.000



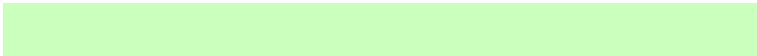
53, 0.007, 296.813

Same Dimension

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



76, 26.460, 137.460



95, 38.869, 137.195



76, 23.101, 151.991



41, 6.898, 138.125



59, 83.992, 134.448



11, 25.083, 139.426

Inverse Universe

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



68, 26.746, 319.488



83, 39.368, 319.690



68, 23.281, 335.117



39, 6.938, 318.925



33, 84.428, 320.449



3, 24.369, 317.989

Previews

White Background



This preview shows how the CIELCh color 76, 26.458, 137.459 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, 26.458, 137.459 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, 26.458, 137.459

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.458, 137.459.

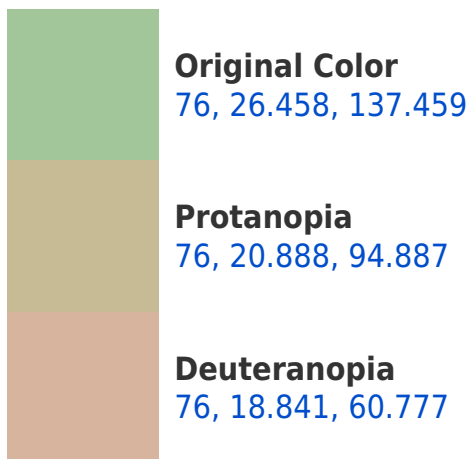


This preview shows how white text looks on a background with the CIELCh color 76, 26.458, 137.459.

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
76, 10.296, 250.974

Trichromacy



Original Color
76, 26.458, 137.459

Protanomaly
76, 21.416, 113.463

Deuteranomaly
76, 16.556, 94.787

Tritanomaly
76, 9.329, 178.424

Monochromacy



Original Color
76, 26.458, 137.459

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.297, 138.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.458, 137.459 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(163, 197, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 197, 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(163, 197, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 197, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.458, 137.459 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(163, 197, 154) }
```

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

```
.border{ border-color:rgb(163, 197, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 197, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 197, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 197, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 197,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.458, 137.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 197, 154) }
```

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

```
.background{ background-color: rgb(163,  
197, 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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