

Converting Colors

CIELCh(76, 24.536, 114.071)

Have a look what the booklet for
CIELCh(76, 24.536, 114.071)
contains.

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Color

CIELCh(76, 24.627, 114.372)

Conversions

Conversions Part 1

Format	Color
Hex	B9C092
RGB	185, 192, 146
RGB Percent	73%, 75%, 57%
CMY	0.2758, 0.2484, 0.4287
CMYK	0.04, 0.00, 0.24, 0.25
HSL	69°, 27%, 66%
HSV	69°, 24%, 75%
XYZ	43.8635, 49.8872, 34.3787
YIQ	184.6630, 10.5940, -15.7900

Conversions

Conversions Part 2

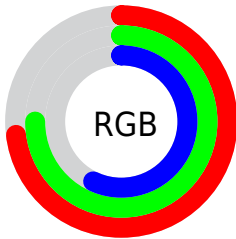
Format	Color
RYB	146, 192, 153
Decimal	12173458
CIELab	76.00, -10.16, 22.43
CIELCh	76, 24.627, 114.372
Yxy	49.8872, 0.3423, 0.3894
Android (android.graphics.Color)	4290363538 (0xFFB9C092)
YUV	184.6630, -19.0609, 0.2955
Hunter-Lab	70.6309, -12.7513, 20.5830

Details

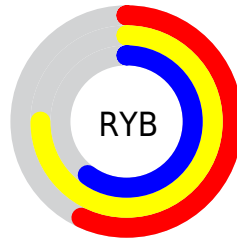
The CIELCh color **76, 24.627, 114.372** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 25.986, 298.226**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 24.523, 114.430**, and **56, 24.973, 115.125** is the 20% darker color. If you saturate the color by 10%, you get **75, 34.664, 113.639**, and if you desaturate by 10%, it is **77, 14.417, 115.121**.

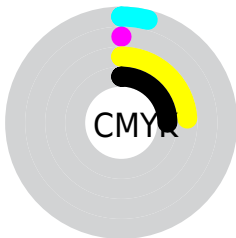
Distribution



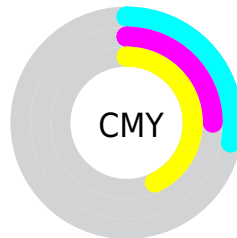
- Red (73%)
- Green (75%)
- Blue (57%)



- Red (57%)
- Yellow (75%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)





- Cyan (28%)
- Magenta (25%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 24.627, 114.372 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, 24.627, 114.372 by changing the saturation by 10% instead.


 76, 24.627,
114.372

 76, 24.627,
114.372


 100, 24.627,
114.372


 66, 24.627,
114.372


 96, 24.627,
114.372

 56, 24.627,
114.372

 46, 24.627,
114.372

 36, 24.627,
114.372

 26, 24.627,
114.372

 16, 24.627,
114.372

 6, 24.627, 114.372

■ 0, 24.627, 114.372

■ 76, 24.627,
114.372

■ 76, 24.627,
114.372

■ 75, 34.664,
113.639

■ 77, 14.417,
115.121

■ 75, 44.390,
112.937

■ 77, 4.116, 115.858

■ 74, 53.604,
112.307

■ 78, 6.214, 296.577

■ 74, 62.006,
111.801

■ 79, 16.531,
297.264

■ 74, 69.188,
111.488

■ 80, 26.806,
297.919

■ 73, 74.672,
111.448

■ 80, 34.030,
298.829

■ 81, 34.140,

■ 73, 78.089,
111.750

300.421

■ 73, 79.422,
112.049

■ 81, 34.274,
302.013

■ 81, 34.433,
303.602

Harmonies

Complementary

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



76, 24.627, 114.372



62, 25.986, 298.226

Rectangle

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



76, 24.627, 114.372



76, 24.627, 164.372



76, 24.627, 294.372



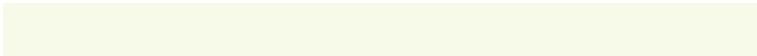
76, 24.627, 344.372

Sweetspot

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



76, 24.629, 114.375



98, 8.952, 115.630



66, 16.338, 34.133



52, 5.816, 115.586



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 24.629, 114.375



96, 36.806, 113.970



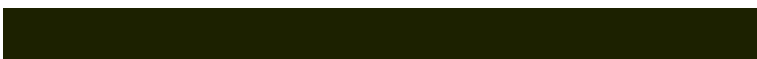
74, 27.271, 133.055



41, 5.897, 115.464



62, 69.661, 111.935



12, 18.929, 115.854

Inverse Universe

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



62, 25.986, 298.226



76, 39.381, 298.810



65, 27.863, 315.146



38, 6.023, 296.874



19, 93.714, 306.962



1, 19.562, 295.247

Previews

White Background



This preview shows how the CIELCh color 76, 24.627, 114.372 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 76, 24.627, 114.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

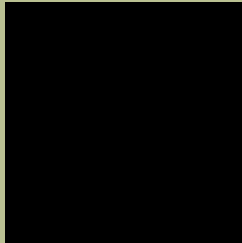
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

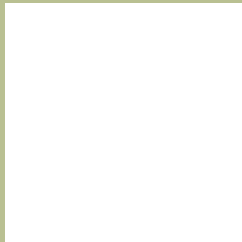
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 24.627, 114.372

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.627, 114.372.

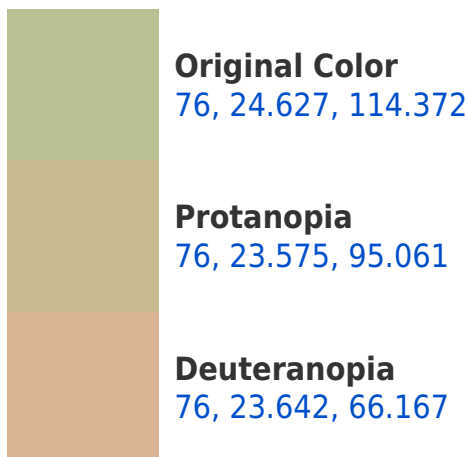


This preview shows how white text looks on a background with the CIELCh color 76, 24.627, 114.372.

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](#).

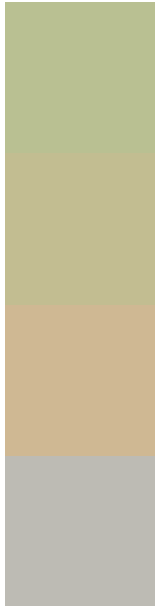
Dichromacy





Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 24.627, 114.372

Protanomaly
76, 23.537, 103.041

Deuteranomaly
76, 21.983, 83.138

Tritanomaly
76, 3.820, 98.454

Monochromacy



Original Color
76, 24.627, 114.372

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.207, 116.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.627, 114.372 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(185, 192, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 146)  
}
```

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(185, 192, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.627, 114.372 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(185, 192, 146) }
```

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

```
.border{ border-color:rgb(185, 192, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.627, 114.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 146) }
```

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

```
.background{ background-color: rgb(185,  
192, 146) }
```

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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