

Converting Colors

CIELCh(76, 16.051, 93.218)

Have a look what the booklet for
CIELCh(76, 16.051, 93.218) contains.

| | |
|--|----|
| CIELCh(76, 16.124, 93.046) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(76, 16.124, 93.046)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C6BB9E |
| RGB | 198, 187, 158 |
| RGB Percent | 78%, 73%, 62% |
| CMY | 0.2244, 0.2675, 0.3812 |
| CMYK | 0.00, 0.06, 0.20, 0.22 |
| HSL | 44°, 26%, 70% |
| HSV | 44°, 20%, 78% |
| XYZ | 47.1096, 49.8872, 39.3997 |
| YIQ | 186.9830, 15.8650, -6.6870 |

Conversions

Conversions Part 2

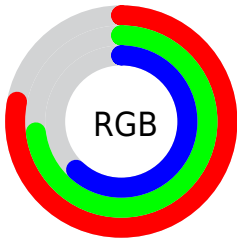
| Format | Color |
|-------------------------------------|--|
| RYB | 173, 198, 158 |
| Decimal | 13024158 |
| CIELab | 76.00, -0.86, 16.10 |
| CIELCh | 76, 16.124, 93.046 |
| Yxy | 49.8872, 0.3454, 0.3658 |
| Android (android.graphics.Color) | 4291214238 (0xFFC6BB9E) |
| YUV | 186.9830, -14.2886, 9.6619 |
| Hunter-Lab | 70.6309, -4.5475, 16.3682 |

Details

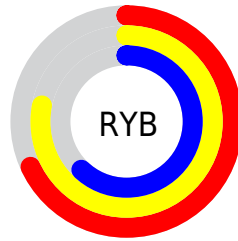
The CIELCh color **76, 16.124, 93.046** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 16.265, 278.296**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.933, 92.698**, and **56, 15.940, 92.775** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.253, 91.783**, and if you desaturate by 10%, it is **78, 8.088, 94.278**.

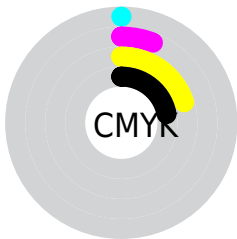
Distribution



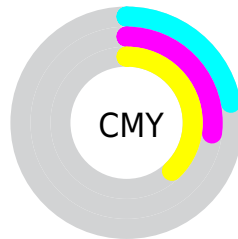
- Red (78%)
- Green (73%)
- Blue (62%)



- Red (68%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 16.124, 93.046 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, 16.124, 93.046 by changing the saturation by 10% instead.

 76, 16.124, 93.046

 76, 16.124, 93.046

 100, 16.124,
93.046

 66, 16.124, 93.046

 96, 16.124, 93.046

 56, 16.124, 93.046

 46, 16.124, 93.046

 36, 16.124, 93.046

 26, 16.124, 93.046

 16, 16.124, 93.046

 6, 16.124, 93.046

 0, 16.124, 93.046

 76, 16.124, 93.046

 76, 16.124, 93.046

74, 24.253, 91.783

78, 8.088, 94.278

72, 32.420, 90.475

80, 0.163, 94.270

71, 40.527, 89.132

82, 7.640, 276.670

69, 48.392, 87.748

84, 15.322,
277.754

67, 55.692, 86.303

86, 22.036,
278.151

66, 61.907, 84.747

87, 19.712,
270.759

65, 66.330, 82.985

63, 68.741, 81.008

88, 17.791,
261.671

90, 16.404,
250.818

91, 15.680,
238.575

Harmonies

Complementary

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



76, 16.124, 93.046



69, 16.265, 278.296

Rectangle

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



76, 16.124, 93.046



76, 16.124, 143.046



76, 16.124, 273.046



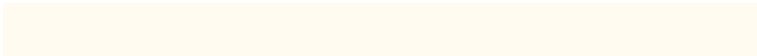
76, 16.124, 323.046

Sweetspot

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



76, 16.125, 93.054



99, 5.814, 94.759



69, 16.613, 359.172



52, 3.859, 94.684



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, 16.125, 93.054



94, 23.591, 92.532



78, 21.475, 117.300



41, 4.505, 94.377



53, 59.660, 81.362



10, 14.763, 85.216

Inverse Universe

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



69, 16.265, 278.296



85, 23.839, 278.974



67, 22.409, 300.139



39, 4.530, 276.725



25, 75.700, 299.235



3, 17.486, 283.353

Previews

White Background



This preview shows how the CIELCh color 76, 16.124, 93.046 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, 16.124, 93.046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

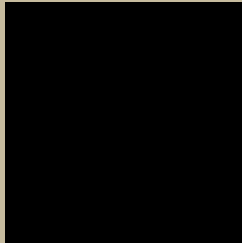
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

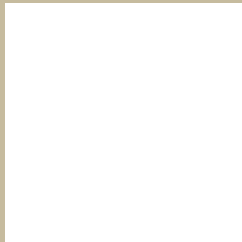
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.124, 93.046

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.124, 93.046.

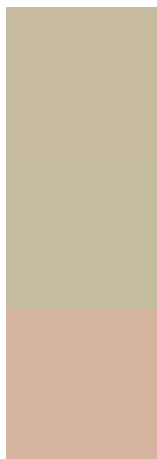


This preview shows how white text looks on a background with the CIELCh color 76, 16.124, 93.046.

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, 16.124, 93.046

Protanopia

76, 16.020, 94.418

Deuteranopia

76, 18.098, 58.431



Tritanopia
76, 11.488, 335.754

Trichromacy



Original Color
76, 16.124, 93.046

Protanomaly
76, 16.020, 94.418

Deuteranomaly
76, 16.452, 68.160

Tritanomaly
76, 6.837, 24.375

Monochromacy



Original Color
76, 16.124, 93.046

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.080, 95.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.124, 93.046 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(198, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 158)  
}
```

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(198, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.124, 93.046 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(198, 187, 158) }
```

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

```
.border{ border-color:rgb(198, 187, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.124, 93.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 158) }
```

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

```
.background{ background-color: rgb(198,  
187, 158) }
```

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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