

Converting Colors

CIELCh(75, 17.204, 104.565)

Have a look what the booklet for
CIELCh(75, 17.204, 104.565)
contains.

CIELCh(75, 17.187, 104.574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 17.187, 104.574)

Conversions

Conversions Part 1

Format	Color
Hex	BDBA9A
RGB	189, 186, 154
RGB Percent	74%, 73%, 60%
CMY	0.2588, 0.2705, 0.3960
CMYK	0.00, 0.02, 0.19, 0.26
HSL	55°, 21%, 67%
HSV	55°, 19%, 74%
XYZ	44.3857, 48.2781, 37.5574
YIQ	183.2490, 12.0600, -9.3160

Conversions

Conversions Part 2

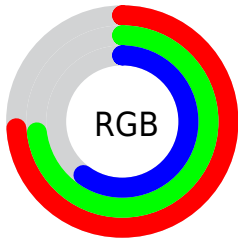
Format	Color
RYB	157, 189, 154
Decimal	12434074
CIELab	75.00, -4.32, 16.63
CIELCh	75, 17.187, 104.574
Yxy	48.2781, 0.3408, 0.3707
Android (android.graphics.Color)	4290624154 (0xFFBDBA9A)
YUV	183.2490, -14.4198, 5.0436
Hunter-Lab	69.4824, -7.5676, 16.5896

Details

The CIELCh color **75, 17.187, 104.574** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 17.789, 288.662**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 17.391, 105.128**, and **55, 17.088, 105.213** is the 20% darker color. If you saturate the color by 10%, you get **74, 26.411, 103.529**, and if you desaturate by 10%, it is **76, 7.905, 105.613**.

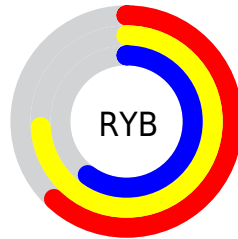
Distribution



Red (74%)

Green (73%)

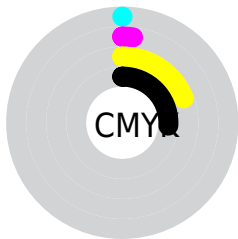
Blue (60%)



Red (62%)

Yellow (74%)

Blue (60%)

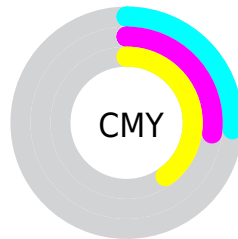


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (27%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 17.187, 104.574 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 75, 17.187, 104.574 by changing the saturation by 10% instead.


 75, 17.187,
104.574


 75, 17.187,
104.574


 100, 17.187,
104.574


 65, 17.187,
104.574


 95, 17.187,
104.574

 55, 17.187,
104.574

 45, 17.187,
104.574

 35, 17.187,
104.574

 25, 17.187,
104.574

 15, 17.187,
104.574

 5, 17.187, 104.574

■ 0, 17.187, 104.574

■ 75, 17.187,
104.574

■ 75, 17.187,
104.574

■ 74, 26.411,
103.529

■ 76, 7.905, 105.613

■ 73, 35.487,
102.477

■ 77, 1.387, 286.710

■ 73, 44.275,
101.441

■ 78, 10.654,
287.636

■ 72, 52.553,
100.439

■ 79, 19.878,
288.580

■ 72, 59.977, 99.493

■ 80, 29.044,
289.486

■ 71, 66.075, 98.624

■ 80, 31.591,
289.054

■ 70, 70.313, 97.848

■ 81, 30.719,

■ 70, 72.517, 97.152 287.890

■ 70, 72.791, 97.052 ■ 81, 29.860,
286.662

■ 82, 29.015,
285.366

Harmonies

Complementary

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



75, 17.187, 104.574



65, 17.789, 288.662

Rectangle

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



75, 17.187, 104.574



75, 17.187, 154.574



75, 17.187, 284.574



75, 17.187, 334.574

Sweetspot

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



75, 17.189, 104.580



96, 6.867, 105.857



67, 13.899, 12.790



51, 4.554, 105.792



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 17.189, 104.580



94, 25.181, 104.178



75, 19.552, 124.587



40, 5.254, 105.528



59, 63.829, 97.136



10, 15.112, 102.679

Inverse Universe

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



65, 17.789, 288.662



80, 26.262, 289.195



66, 20.158, 306.476



37, 5.349, 287.516



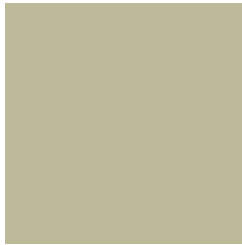
19, 89.443, 305.020



1, 16.361, 288.153

Previews

White Background



This preview shows how the CIELCh color 75, 17.187, 104.574 looks on a white background.

Color Contrast Check

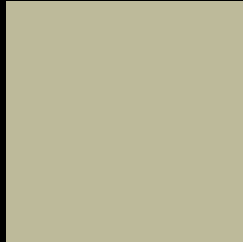
Large Text (above 18pt) WCAG AA × Fail

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 75, 17.187, 104.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

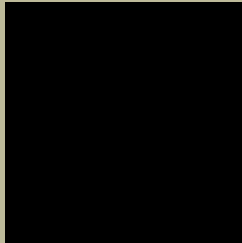
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 17.187, 104.574

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.187, 104.574.



This preview shows how white text looks on a background with the CIELCh color 75, 17.187, 104.574.

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


75, 17.187, 104.574

Protanopia

75, 17.210, 93.819

Deuteranopia

75, 18.512, 59.608



Tritanopia
75, 9.643, 323.003

Trichromacy



Original Color
75, 17.187, 104.574

Protanomaly
75, 17.451, 98.023

Deuteranomaly
75, 16.796, 75.607

Tritanomaly
75, 3.914, 35.521

Monochromacy



Original Color
75, 17.187, 104.574

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.465, 106.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.187, 104.574 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(189, 186, 154)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 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(189, 186, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.187, 104.574 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(189, 186, 154) }
```

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

```
.border{ border-color:rgb(189, 186, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 186, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 154);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.187, 104.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 154) }
```

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

```
.background{ background-color: rgb(189,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor