

Converting Colors

CIELCh(76, 16.233, 100.259)

Have a look what the booklet for
CIELCh(76, 16.233, 100.259)
contains.

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Color

CIELCh(76, 16.217, 100.269)

Conversions

Conversions Part 1

Format	Color
Hex	C2BC9E
RGB	194, 188, 158
RGB Percent	76%, 74%, 62%
CMY	0.2393, 0.2628, 0.3805
CMYK	0.00, 0.03, 0.19, 0.24
HSL	50°, 23%, 69%
HSV	50°, 19%, 76%
XYZ	46.3868, 49.8872, 39.5192
YIQ	186.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

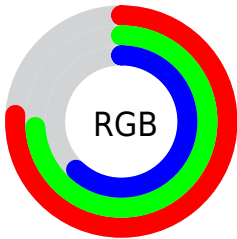
Format	Color
R_{YB}	165, 194, 158
Decimal	12762270
CIE _{Lab}	76.00, -2.89, 15.96
CIE _{LCh}	76, 16.217, 100.269
Yxy	49.8872, 0.3416, 0.3674
Android (android.graphics.Color)	4290952350 (0xFFC2BC9E)
YUV	186.3740, -13.9884, 6.6880
Hunter-Lab	70.6309, -6.3743, 16.2678

Details

The CIELCh color **76, 16.217, 100.269** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 16.628, 284.659**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 16.007, 99.602**, and **56, 16.036, 100.634** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.981, 99.130**, and if you desaturate by 10%, it is **77, 7.457, 101.388**.

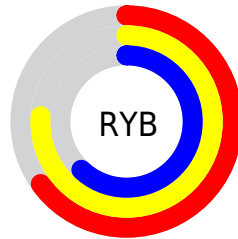
Distribution



Red (76%)

Green (74%)

Blue (62%)



Red (65%)

Yellow (76%)

Blue (62%)

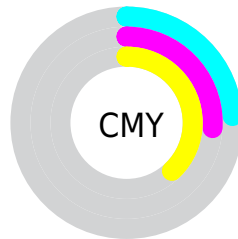


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (26%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.217, 100.269 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, 16.217, 100.269 by changing the saturation by 10% instead.


 76, 16.217,
100.269


 76, 16.217,
100.269


 100, 16.217,
100.269


 66, 16.217,
100.269


 96, 16.217,
100.269


 56, 16.217,
100.269

 46, 16.217,
100.269

 36, 16.217,
100.269

 26, 16.217,
100.269

 16, 16.217,
100.269

 6, 16.217, 100.269

0, 16.217, 100.269

76, 16.217,
100.269

76, 16.217,
100.269

75, 24.981, 99.130

77, 7.457, 101.388

74, 33.675, 97.965

79, 1.263, 282.604

72, 42.179, 96.790

80, 9.920, 283.560

71, 50.289, 95.616

81, 18.503,
284.561

70, 57.676, 94.446

83, 27.007,
285.520

69, 63.845, 93.279

68, 68.186, 92.093

84, 25.397,
282.523

68, 70.408, 90.852

85, 23.844,
279.138

■ 67, 70.677, 90.673

■ 85, 22.384,
275.317

■ 86, 21.035,
271.009

Harmonies

Complementary

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



76, 16.217, 100.269



68, 16.628, 284.659

Rectangle

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



76, 16.217, 100.269



76, 16.217, 150.269



76, 16.217, 280.269



76, 16.217, 330.269

Sweetspot

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



76, 16.218, 100.276



98, 6.467, 101.653



68, 14.393, 7.613



53, 4.326, 101.582



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, 16.218, 100.276



96, 23.827, 99.844



77, 19.759, 122.041



40, 4.938, 101.300



57, 61.538, 90.865



10, 15.128, 95.850

Inverse Universe

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



68, 16.628, 284.659



84, 24.562, 285.217



67, 20.442, 304.143



38, 5.005, 283.440



21, 84.981, 303.200



2, 17.205, 286.241

Previews

White Background



This preview shows how the CIELCh color 76, 16.217, 100.269 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, 16.217, 100.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

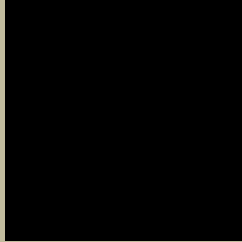
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

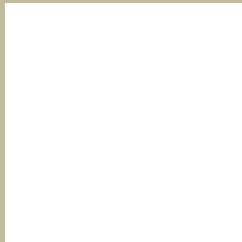
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 16.217, 100.269

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.217, 100.269.



This preview shows how white text looks on a background with the CIELCh color 76, 16.217, 100.269.

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, 16.217, 100.269

Protanopia

76, 16.539, 94.799

Deuteranopia

76, 17.740, 57.181



Tritanopia
76, 9.601, 328.482

Trichromacy



Original Color
76, 16.217, 100.269

Protanomaly
76, 16.448, 96.147

Deuteranomaly
76, 16.090, 72.546

Tritanomaly
76, 4.638, 33.004

Monochromacy



Original Color
76, 16.217, 100.269

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.942, 102.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.217, 100.269 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(194, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 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(194, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.217, 100.269 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(194, 188, 158) }
```

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

```
.border{ border-color:rgb(194, 188, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.217, 100.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 158) }
```

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

```
.background{ background-color: rgb(194,  
188, 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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