

Converting Colors

CIELCh(76, 18.967, 107.437)

Have a look what the booklet for
CIELCh(76, 18.967, 107.437)
contains.

CIELCh(76, 18.699, 107.192)	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(76, 18.699, 107.192)

Conversions

Conversions Part 1

Format	Color
Hex	BEBD9A
RGB	190, 189, 154
RGB Percent	75%, 74%, 60%
CMY	0.2535, 0.2574, 0.3947
CMYK	0.00, 0.01, 0.19, 0.25
HSL	58°, 22%, 68%
HSV	58°, 19%, 75%
XYZ	45.4612, 49.8872, 37.9561
YIQ	185.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

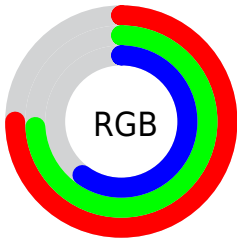
Format	Color
RYB	155, 190, 154
Decimal	12500378
CIELab	76.00, -5.53, 17.86
CIELCh	76, 18.699, 107.192
Yxy	49.8872, 0.3410, 0.3742
Android (android.graphics.Color)	4290690458 (0xFFBEBD9A)
YUV	185.3090, -15.4353, 4.1140
Hunter-Lab	70.6309, -8.7134, 17.5800

Details

The CIELCh color **76, 18.699, 107.192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 19.479, 291.192**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.855, 106.443**, and **56, 18.687, 107.911** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.462, 106.209**, and if you desaturate by 10%, it is **77, 8.831, 108.180**.

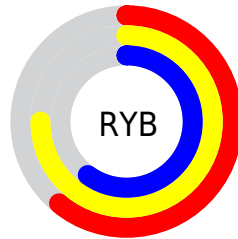
Distribution



Red (75%)

Green (74%)

Blue (60%)



Red (61%)

Yellow (75%)

Blue (60%)

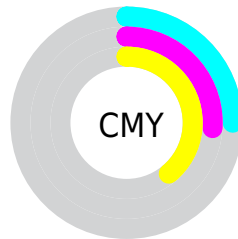


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 18.699, 107.192 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, 18.699, 107.192 by changing the saturation by 10% instead.


 76, 18.699,
107.192


 76, 18.699,
107.192


 100, 18.699,
107.192


 66, 18.699,
107.192


 96, 18.699,
107.192

 56, 18.699,
107.192

 46, 18.699,
107.192

 36, 18.699,
107.192

 26, 18.699,
107.192

 16, 18.699,
107.192

 6, 18.699, 107.192

■ 0, 18.699, 107.192

■ 76, 18.699,
107.192

■ 76, 18.699,
107.192

■ 75, 28.462,
106.209

■ 77, 8.831, 108.180

■ 77, 1.082, 289.226

■ 75, 38.014,
105.234

■ 78, 10.998,
290.113

■ 75, 47.197,
104.294

■ 79, 20.889,
291.024

■ 74, 55.766,
103.414

■ 79, 30.736,
291.900

■ 74, 63.361,
102.627

■ 80, 33.346,
291.912

■ 74, 69.513,
101.968

■ 80, 33.051,

■ 74, 73.742,
101.465

291.582

■ 73, 75.995,
101.114

■ 80, 32.757,
291.246

■ 73, 76.204,
101.078

■ 80, 32.464,
290.905

Harmonies

Complementary

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



76, 18.699, 107.192



65, 19.479, 291.192

Rectangle

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



76, 18.699, 107.192



76, 18.699, 157.192



76, 18.699, 287.192



76, 18.699, 337.192

Sweetspot

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



76, 18.701, 107.197



97, 7.348, 108.452



67, 14.266, 18.092



52, 4.914, 108.389



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, 18.701, 107.197



96, 28.079, 106.757



75, 20.386, 127.024



40, 5.572, 108.138



62, 66.438, 101.104



11, 16.309, 106.174

Inverse Universe

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



65, 19.479, 291.192



79, 29.558, 291.796



66, 20.955, 308.803



36, 5.688, 290.035



18, 92.254, 305.885



1, 17.086, 289.868

Previews

White Background



This preview shows how the CIELCh color 76, 18.699, 107.192 looks on a white background.

Color Contrast Check

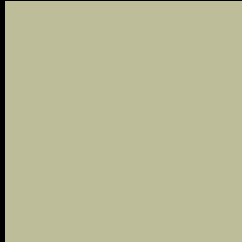
Large Text (above 18pt) WCAG AA × Fail

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, 18.699, 107.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

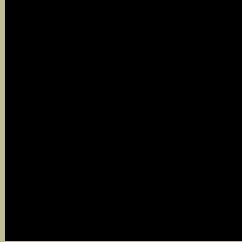
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

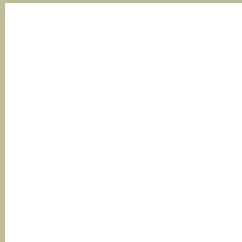
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 18.699, 107.192

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.699, 107.192.



This preview shows how white text looks on a background with the CIELCh color 76, 18.699, 107.192.

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, 18.699, 107.192

Protanopia

76, 18.715, 94.881

Deuteranopia

76, 19.534, 61.086



Tritanopia
76, 9.424, 321.095

Trichromacy



Original Color
76, 18.699, 107.192

Protanomaly
76, 18.911, 99.929

Deuteranomaly
76, 17.905, 76.252

Tritanomaly
76, 3.738, 45.014

Monochromacy



Original Color
76, 18.699, 107.192

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.982, 106.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.699, 107.192 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(190, 189, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 189, 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(190, 189, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 189, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.699, 107.192 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(190, 189, 154) }
```

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

```
.border{ border-color:rgb(190, 189, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 189, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 189, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 189, 154); box-shadow:4px 4px 4px 4px rgb(190, 189, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.699, 107.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 189, 154) }
```

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

```
.background{ background-color: rgb(190,  
189, 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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