

Converting Colors

CIELCh(76, 13.525, 117.109)

Have a look what the booklet for
CIELCh(76, 13.525, 117.109)
contains.

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Color

CIELCh(76, 13.525, 117.109)

Conversions

Conversions Part 1

Format	Color
Hex	B9BEA5
RGB	185, 190, 165
RGB Percent	73%, 75%, 65%
CMY	0.2743, 0.2547, 0.3527
CMYK	0.03, 0.00, 0.13, 0.25
HSL	72°, 16%, 70%
HSV	72°, 13%, 75%
XYZ	45.2397, 49.8872, 42.8655
YIQ	185.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

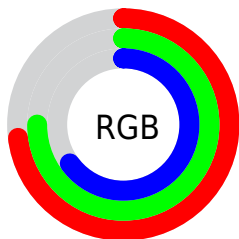
Format	Color
RYB	165, 190, 170
Decimal	12172965
CIELab	76.00, -6.16, 12.04
CIELCh	76, 13.525, 117.109
Yxy	49.8872, 0.3278, 0.3615
Android (android.graphics.Color)	4290363045 (0xFFB9BEA5)
YUV	185.6550, -10.1829, -0.5744
Hunter-Lab	70.6309, -9.2733, 13.4589

Details

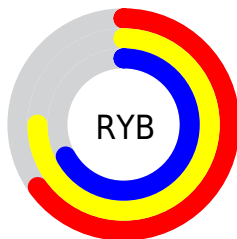
The CIELCh color **76, 13.525, 117.109** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 13.908, 298.954**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.394, 116.967**, and **56, 13.790, 117.178** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.735, 116.427**, and if you desaturate by 10%, it is **77, 3.243, 117.793**.

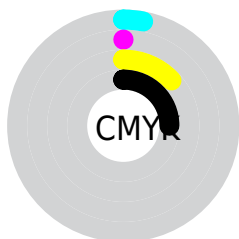
Distribution



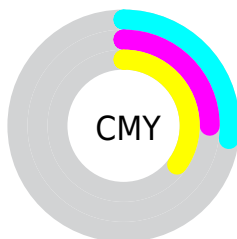
- Red (73%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (27%)
- Magenta (25%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.525, 117.109 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, 13.525, 117.109 by changing the saturation by 10% instead.


 76, 13.525,
117.109


 76, 13.525,
117.109


 100, 13.525,
117.109


 66, 13.525,
117.109


 96, 13.525,
117.109

 56, 13.525,
117.109

 46, 13.525,
117.109

 36, 13.525,
117.109

 26, 13.525,
117.109

 16, 13.525,
117.109

 6, 13.525, 117.109

■ 0, 13.525, 117.109

■ 76, 13.525,
117.109

■ 76, 13.525,
117.109

■ 75, 23.735,
116.427

■ 77, 3.243, 117.793

■ 78, 7.060, 298.442

■ 75, 33.781,
115.747

■ 78, 17.340,
299.067

■ 74, 43.538,
115.099

■ 79, 27.569,
299.659

■ 74, 52.815,
114.523

■ 80, 35.060,
300.608

■ 73, 61.325,
114.073

■ 80, 35.240,
302.623

■ 73, 68.676,
113.824

■ 81, 35.460,

■ 72, 74.399,
113.866

304.634

■ 72, 78.107,
114.283

■ 81, 35.721,
306.635

■ 72, 79.741,
114.734

■ 81, 36.022,
308.621

Harmonies

Complementary

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



76, 13.525, 117.109



69, 13.908, 298.954

Rectangle

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



76, 13.525, 117.109



76, 13.525, 167.109



76, 13.525, 297.109



76, 13.525, 347.109

Sweetspot

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



76, 13.527, 117.114



97, 5.093, 117.731



71, 8.233, 39.191



52, 3.650, 117.680



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, 13.527, 117.114



96, 20.363, 116.901



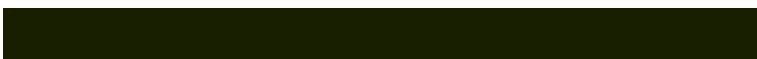
75, 15.039, 135.172



40, 5.796, 117.374



61, 69.540, 114.583



10, 17.436, 119.788

Inverse Universe

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



69, 13.908, 298.954



85, 21.073, 299.207



70, 15.194, 316.272



37, 5.915, 298.658



19, 92.096, 307.341



1, 17.550, 296.199

Previews

White Background



This preview shows how the CIELCh color 76, 13.525, 117.109 looks on a white background.

Color Contrast Check

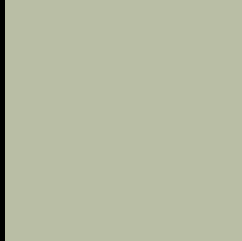
Large Text (above 18pt) WCAG AA × Fail

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, 13.525, 117.109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

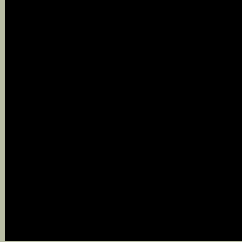
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

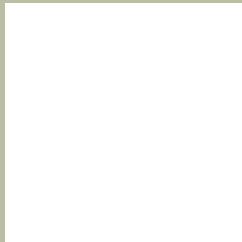
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.525, 117.109

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.525, 117.109.

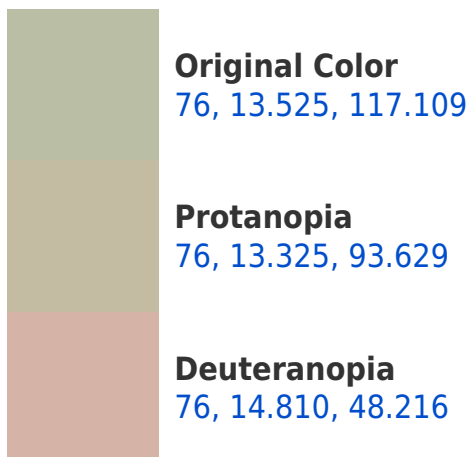



This preview shows how white text looks on a background with the CIELCh color 76, 13.525, 117.109.

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](#).

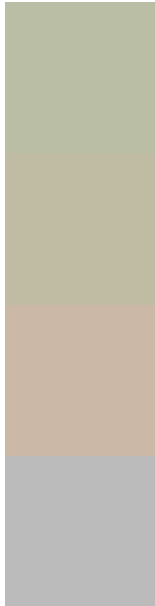
Dichromacy





Tritanopia
76, 8.314, 303.455

Trichromacy



Original Color
76, 13.525, 117.109

Protanomaly
76, 12.938, 102.048

Deuteranomaly
76, 12.210, 71.716

Tritanomaly
76, 0.371, 18.022

Monochromacy



Original Color
76, 13.525, 117.109

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.847, 114.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.525, 117.109 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, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 165)  
}
```

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, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.525, 117.109 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, 190, 165) }
```

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

```
.border{ border-color:rgb(185, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 165); box-shadow:4px 4px 4px 4px rgb(185, 190, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.525, 117.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 165) }
```

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

```
.background{ background-color: rgb(185,  
190, 165) }
```

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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