

Converting Colors

CIELCh(76, 25.865, 107.714)

Have a look what the booklet for
CIELCh(76, 25.865, 107.714)
contains.

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Color

CIELCh(76, 25.538, 107.753)

Conversions

Conversions Part 1

Format	Color
Hex	BEBE8E
RGB	190, 190, 142
RGB Percent	75%, 75%, 56%
CMY	0.2538, 0.2538, 0.4421
CMYK	0.00, 0.00, 0.25, 0.25
HSL	60°, 27%, 65%
HSV	60°, 25%, 75%
XYZ	44.6775, 49.8872, 32.9675
YIQ	184.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

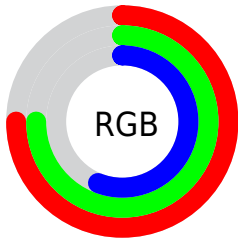
Format	Color
RYB	142, 190, 142
Decimal	12500622
CIELab	76.00, -7.79, 24.32
CIELCh	76, 25.538, 107.753
Yxy	49.8872, 0.3503, 0.3912
Android (android.graphics.Color)	4290690702 (0xFFBEBE8E)
YUV	184.5280, -20.9663, 4.7989
Hunter-Lab	70.6309, -10.6940, 21.7675

Details

The CIELCh color **76, 25.538, 107.753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 27.098, 293.133**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.400, 107.343**, and **56, 25.867, 108.011** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.405, 106.808**, and if you desaturate by 10%, it is **76, 15.483, 108.719**.

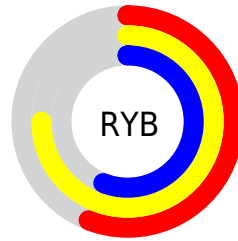
Distribution



Red (75%)

Green (75%)

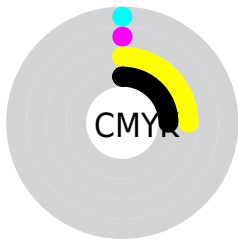
Blue (56%)



Red (56%)

Yellow (75%)

Blue (56%)

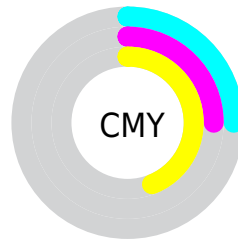


Cyan (0%)

Magenta (0%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (25%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 25.538, 107.753 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, 25.538, 107.753 by changing the saturation by 10% instead.


 76, 25.538,
107.753


 76, 25.538,
107.753


 100, 25.538,
107.753


 66, 25.538,
107.753


 96, 25.538,
107.753

 56, 25.538,
107.753

 46, 25.538,
107.753

 36, 25.538,
107.753

 26, 25.538,
107.753

 16, 25.538,
107.753

 6, 25.538, 107.753

■ 0, 25.538, 107.753

■ 76, 25.538,
107.753

■ 76, 25.538,
107.753

■ 76, 35.405,
106.808

■ 76, 15.483,
108.719

■ 75, 44.938,
105.892

■ 77, 5.326, 109.671

■ 75, 53.920,
105.038

■ 77, 4.871, 290.639

■ 75, 62.033,
104.278

■ 78, 15.070,
291.549

■ 75, 68.845,
103.652

■ 79, 25.244,
292.433

■ 75, 73.880,
103.198

■ 79, 34.616,
293.219

■ 79, 34.616,

■ 75, 76.810,
102.937

293.219

■ 75, 77.759,
102.854

■ 79, 34.616,
293.219

■ 79, 34.616,
293.220

Harmonies

Complementary

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



76, 25.538, 107.753



61, 27.098, 293.133

Rectangle

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



76, 25.538, 107.753



76, 25.538, 157.753



76, 25.538, 287.753



76, 25.538, 337.753

Sweetspot

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



76, 25.540, 107.757



97, 10.074, 109.398



64, 19.530, 21.342



52, 7.217, 109.253



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, 25.540, 107.757



96, 37.448, 107.256



74, 27.377, 127.915



40, 5.728, 109.282



63, 67.797, 102.854



11, 16.897, 107.645

Inverse Universe

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



61, 27.098, 293.133



73, 40.310, 293.914



63, 28.340, 310.264



36, 5.854, 291.139



18, 93.616, 306.287



1, 17.439, 290.639

Previews

White Background



This preview shows how the CIELCh color 76, 25.538, 107.753 looks on a white background.

Color Contrast Check

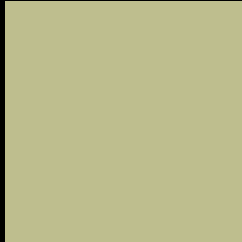
Large Text (above 18pt) WCAG AA × Fail

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, 25.538, 107.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

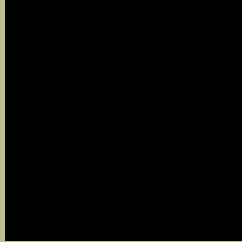
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

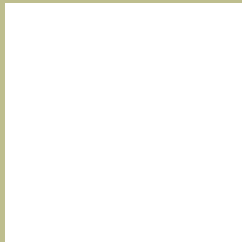
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 25.538, 107.753

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.538, 107.753.



This preview shows how white text looks on a background with the CIELCh color 76, 25.538, 107.753.

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, 25.538, 107.753

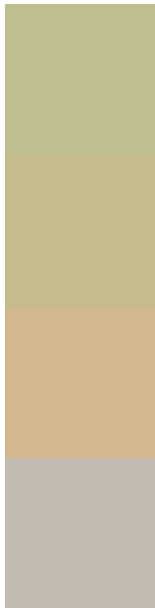
Protanopia
76, 25.221, 94.750

Deuteranopia
76, 25.619, 68.365



Tritanopia
76, 9.168, 324.801

Trichromacy



Original Color
76, 25.538, 107.753

Protanomaly
76, 25.323, 99.483

Deuteranomaly
76, 24.307, 83.187

Tritanomaly
76, 5.903, 74.243

Monochromacy



Original Color
76, 25.538, 107.753

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.657, 109.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.538, 107.753 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, 190, 142)` looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 142)  
}
```

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, 190, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.538, 107.753 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, 190, 142) }
```

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

```
.border{ border-color:rgb(190, 190, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 142);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.538, 107.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 142) }
```

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

```
.background{ background-color: rgb(190,  
190, 142) }
```

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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