

Converting Colors

CIELCh(76, 28.556, 117.504)

Have a look what the booklet for
CIELCh(76, 28.556, 117.504)
contains.

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Color

CIELCh(76, 28.535, 117.222)

Conversions

Conversions Part 1

Format	Color
Hex	B5C18C
RGB	181, 193, 140
RGB Percent	71%, 76%, 55%
CMY	0.2900, 0.2429, 0.4508
CMYK	0.06, 0.00, 0.27, 0.24
HSL	74°, 30%, 65%
HSV	74°, 27%, 76%
XYZ	42.8864, 49.8872, 32.1984
YIQ	183.3700, 9.8610, -19.0270

Conversions

Conversions Part 2

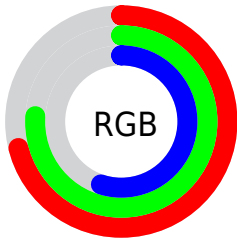
Format	Color
RYB	140, 193, 152
Decimal	11911564
CIELab	76.00, -13.05, 25.37
CIELCh	76, 28.535, 117.222
Yxy	49.8872, 0.3432, 0.3992
Android (android.graphics.Color)	4290101644 (0xFFB5C18C)
YUV	183.3700, -21.3814, -2.0785
Hunter-Lab	70.6309, -15.2205, 22.4132

Details

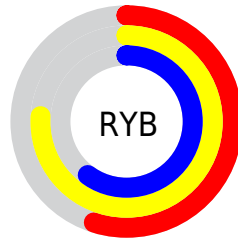
The CIELCh color **76, 28.535, 117.222** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 30.265, 301.118**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 28.265, 117.216**, and **56, 29.005, 117.077** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.646, 116.584**, and if you desaturate by 10%, it is **77, 18.218, 117.883**.

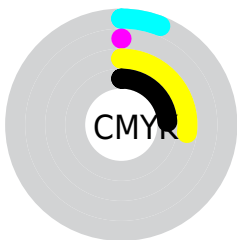
Distribution



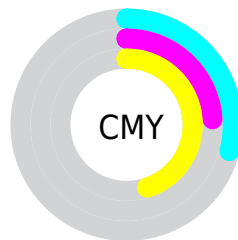
- Red (71%)
- Green (76%)
- Blue (55%)



- Red (55%)
- Yellow (76%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)




- Cyan (29%)
- Magenta (24%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 28.535, 117.222 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, 28.535, 117.222 by changing the saturation by 10% instead.


 76, 28.535,
117.222

 76, 28.535,
117.222

 100, 28.535,
117.222

 66, 28.535,
117.222


 96, 28.535,
117.222

 56, 28.535,
117.222

 46, 28.535,
117.222

 36, 28.535,
117.222

 26, 28.535,
117.222

 16, 28.535,
117.222

 6, 28.535, 117.222

■ 0, 28.535, 117.222

■ 76, 28.535,
117.222

■ 76, 28.535,
117.222

■ 75, 38.646,
116.584

■ 77, 18.218,
117.883

■ 75, 48.390,
115.991

■ 77, 7.792, 118.537

■ 74, 57.539,
115.493

■ 78, 2.672, 299.162

■ 74, 65.757,
115.156

■ 79, 13.124,
299.776

■ 73, 72.603,
115.069

■ 80, 23.530,
300.352

■ 73, 77.611,
115.328

■ 81, 33.403,
300.981

■ 81, 33.630,

■ 73, 80.589,
115.985

303.423

■ 73, 81.213,
116.174

■ 82, 33.914,
305.853

■ 82, 34.255,
308.262

Harmonies

Complementary

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



76, 28.535, 117.222



61, 30.265, 301.118

Rectangle

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



76, 28.535, 117.222



76, 28.535, 167.222



76, 28.535, 297.222



76, 28.535, 347.222

Sweetspot

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



76, 28.537, 117.225



97, 10.309, 118.494



66, 18.289, 40.908



52, 7.325, 118.395



99, 0.012, 296.813



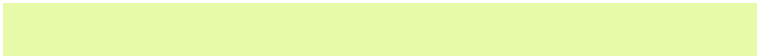
52, 0.007, 296.813

Same Dimension

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



76, 28.537, 117.225



95, 42.127, 116.832



74, 32.006, 134.956



41, 5.943, 118.413



61, 70.820, 116.010



11, 19.261, 120.001

Inverse Universe

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



61, 30.265, 301.118



73, 45.359, 301.694



63, 32.620, 317.426



38, 6.062, 299.640



20, 92.870, 307.576



1, 19.639, 297.232

Previews

White Background



This preview shows how the CIELCh color 76, 28.535, 117.222 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, 28.535, 117.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

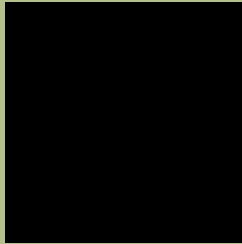
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 28.535, 117.222

Background



This preview shows how black text looks on a background with the CIELCh color 76, 28.535, 117.222.



This preview shows how white text looks on a background with the CIELCh color 76, 28.535, 117.222.

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, 28.535, 117.222

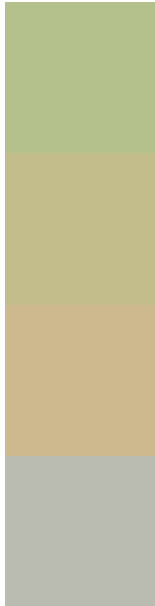
Protanopia
76, 27.286, 95.476

Deuteranopia
76, 26.050, 69.028



Tritanopia
76, 8.240, 301.003

Trichromacy



Original Color
76, 28.535, 117.222

Protanomaly
76, 27.207, 103.303

Deuteranomaly
76, 24.608, 87.551

Tritanomaly
76, 5.422, 117.642

Monochromacy



Original Color
76, 28.535, 117.222

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 10.922, 119.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 28.535, 117.222 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(181, 193, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 193, 140)  
}
```

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(181, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 193, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 28.535, 117.222 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(181, 193, 140) }
```

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

```
.border{ border-color:rgb(181, 193, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 193, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 193,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 28.535, 117.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 193, 140) }
```

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

```
.background{ background-color: rgb(181,  
193, 140) }
```

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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