

Converting Colors

CIELCh(76, 20.494, 118.878)

Have a look what the booklet for
CIELCh(76, 20.494, 118.878)
contains.

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Color

CIELCh(76, 20.653, 119.206)

Conversions

Conversions Part 1

Format	Color
Hex	B6C09A
RGB	182, 192, 154
RGB Percent	71%, 75%, 60%
CMY	0.2869, 0.2476, 0.3966
CMYK	0.05, 0.00, 0.20, 0.25
HSL	76°, 23%, 68%
HSV	76°, 20%, 75%
XYZ	43.8924, 49.8872, 37.8237
YIQ	184.6780, 6.2380, -13.9380

Conversions

Conversions Part 2

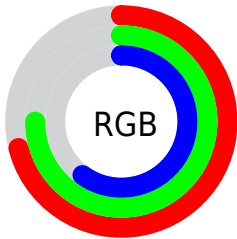
Format	Color
RYB	154, 192, 164
Decimal	11976858
CIELab	76.00, -10.08, 18.03
CIElCh	76, 20.653, 119.206
Yxy	49.8872, 0.3335, 0.3791
Android (android.graphics.Color)	4290166938 (0xFFB6C09A)
YUV	184.6780, -15.1243, -2.3486
Hunter-Lab	70.6309, -12.6782, 17.6911

Details

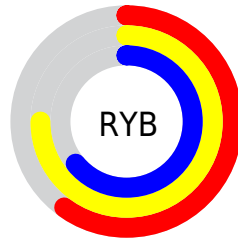
The CIELCh color **76, 20.653, 119.206** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 21.490, 301.753**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.202, 119.176**, and **56, 20.770, 119.459** is the 20% darker color. If you saturate the color by 10%, you get **75, 30.945, 118.591**, and if you desaturate by 10%, it is **77, 10.243, 119.828**.

Distribution



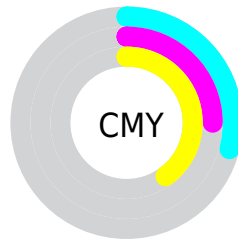
- Red (71%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 20.653, 119.206 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, 20.653, 119.206 by changing the saturation by 10% instead.


 76, 20.653,
119.206


 76, 20.653,
119.206


 100, 20.653,
119.206


 66, 20.653,
119.206


 96, 20.653,
119.206

 56, 20.653,
119.206

 46, 20.653,
119.206

 36, 20.653,
119.206

 26, 20.653,
119.206

 16, 20.653,
119.206

 6, 20.653, 119.206

0, 20.653, 119.206

76, 20.653,
119.206

76, 20.653,
119.206

75, 30.945,
118.591

77, 10.243,
119.828

75, 41.001,
117.995

78, 0.213, 300.265

74, 50.654,
117.457

79, 10.661,
300.996

73, 59.654,
117.031

80, 21.063,
301.540

73, 67.644,
116.791

81, 31.391,
302.050

73, 74.171,
116.836

81, 34.392,
304.189

■ 72, 78.793,
117.266

■ 82, 34.742,
306.930

■ 72, 81.597,
118.073

■ 82, 35.166,
309.639

■ 72, 81.648,
118.089

■ 83, 35.662,
312.307

Harmonies

Complementary

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



76, 20.653, 119.206



66, 21.490, 301.753

Rectangle

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



76, 20.653, 119.206



76, 20.653, 169.206



76, 20.653, 299.206



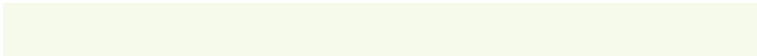
76, 20.653, 349.206

Sweetspot

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



76, 20.655, 119.209



98, 7.767, 120.055



69, 12.521, 44.618



52, 5.151, 120.015



99, 0.012, 296.813



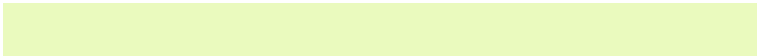
52, 0.007, 296.813

Same Dimension

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



76, 20.655, 119.209



96, 30.970, 118.925



75, 23.197, 136.373



41, 5.971, 119.854



61, 71.518, 117.913



11, 19.464, 121.956

Inverse Universe

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



66, 21.490, 301.753



80, 32.545, 302.117



67, 23.477, 318.136



38, 6.087, 301.000



20, 92.362, 307.969



2, 19.686, 298.210

Previews

White Background



This preview shows how the CIELCh color 76, 20.653, 119.206 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 CIE LCh color 76, 20.653, 119.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

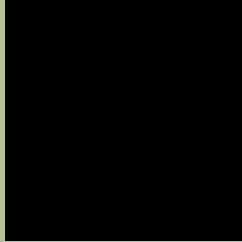
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

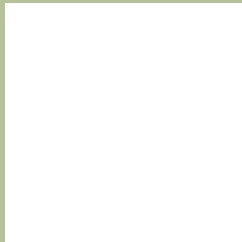
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 20.653, 119.206

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.653, 119.206.



This preview shows how white text looks on a background with the CIELCh color 76, 20.653, 119.206.

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, 20.653, 119.206

Protanopia
76, 19.755, 95.461

Deuteranopia
76, 19.534, 61.086



Tritanopia
76, 7.592, 296.324

Trichromacy



Original Color
76, 20.653, 119.206

Protanomaly
76, 19.787, 104.848

Deuteranomaly
76, 17.530, 81.552

Tritanomaly
76, 2.788, 125.403

Monochromacy



Original Color
76, 20.653, 119.206

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.082, 118.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.653, 119.206 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(182, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 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(182, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.653, 119.206 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(182, 192, 154) }
```

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

```
.border{ border-color:rgb(182, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.653, 119.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 154) }
```

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

```
.background{ background-color: rgb(182,  
192, 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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