

Converting Colors

CIELCh(75, 31.889, 118.154)

Have a look what the booklet for
CIELCh(75, 31.889, 118.154)
contains.

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Color

CIELCh(75, 31.889, 118.154)

Conversions

Conversions Part 1

Format	Color
Hex	B0BF84
RGB	176, 191, 132
RGB Percent	69%, 75%, 52%
CMY	0.3090, 0.2501, 0.4816
CMYK	0.08, 0.00, 0.31, 0.25
HSL	75°, 32%, 63%
HSV	75°, 31%, 75%
XYZ	40.8061, 48.2781, 29.0684
YIQ	179.7890, 9.9990, -21.5290

Conversions

Conversions Part 2

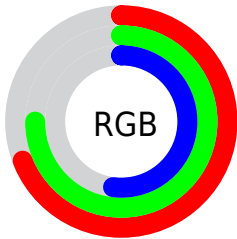
Format	Color
RYB	132, 191, 147
Decimal	11583364
CIELab	75.00, -15.05, 28.12
CIElCh	75, 31.889, 118.154
Yxy	48.2781, 0.3454, 0.4086
Android (android.graphics.Color)	4289773444 (0xFFB0BF84)
YUV	179.7890, -23.5600, -3.3230
Hunter-Lab	69.4824, -16.7636, 23.8334

Details

The CIELCh color **75, 31.889, 118.154** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 34.040, 302.364**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.478, 118.177**, and **55, 31.979, 118.204** is the 20% darker color. If you saturate the color by 10%, you get **74, 41.869, 117.556**, and if you desaturate by 10%, it is **76, 21.663, 118.783**.

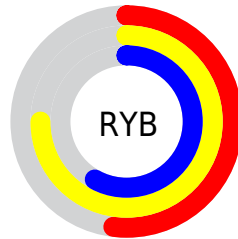
Distribution



Red (69%)

Green (75%)

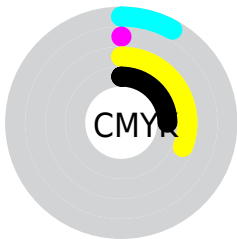
Blue (52%)



Red (52%)

Yellow (75%)

Blue (58%)

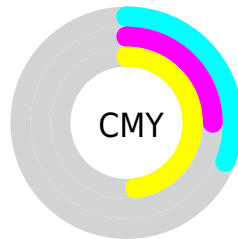


Cyan (8%)

Magenta (0%)

Yellow (31%)

Black (25%)



Cyan (31%)


Magenta (25%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.889, 118.154 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 75, 31.889, 118.154 by changing the saturation by 10% instead.


 75, 31.889,
118.154


 75, 31.889,
118.154


 100, 31.889,
118.154


 65, 31.889,
118.154


 95, 31.889,
118.154

 55, 31.889,
118.154

 45, 31.889,
118.154

 35, 31.889,
118.154

 25, 31.889,
118.154

 15, 31.889,
118.154

 5, 31.889, 118.154

0, 31.889, 118.154

75, 31.889,
118.154

75, 31.889,
118.154

74, 41.869,
117.556

76, 21.663,
118.783

74, 51.423,
117.019

76, 11.303,
119.410

73, 60.291,
116.598

77, 0.890, 120.054

73, 68.107,
116.373

78, 9.522, 300.603

72, 74.411,
116.438

79, 19.892,
301.160

72, 78.777,
116.895

80, 30.194,
301.683

81, 34.667,

■ 72, 81.237,
117.624

303.411

■ 81, 34.980,
306.026

■ 82, 35.361,
308.618

Harmonies

Complementary

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



75, 31.889, 118.154



59, 34.040, 302.364

Rectangle

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



75, 31.889, 118.154



75, 31.889, 168.154



75, 31.889, 298.154



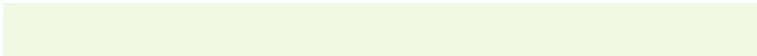
75, 31.889, 348.154

Sweetspot

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



75, 31.891, 118.157



96, 11.543, 119.517



65, 20.349, 44.369



52, 8.086, 119.426



99, 0.012, 296.813



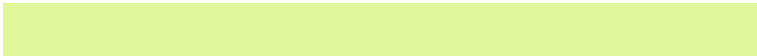
52, 0.007, 296.813

Same Dimension

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



75, 31.891, 118.157



94, 46.877, 117.748



73, 36.040, 135.758



40, 5.834, 119.505



60, 70.500, 117.439



10, 17.715, 122.768

Inverse Universe

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



59, 34.040, 302.364



70, 50.889, 302.988



61, 36.704, 318.618



37, 5.948, 300.666



20, 91.396, 307.878



1, 17.608, 297.686

Previews

White Background



This preview shows how the CIELCh color 75, 31.889, 118.154 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 75, 31.889, 118.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

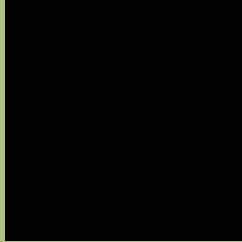
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 31.889, 118.154

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.889, 118.154.

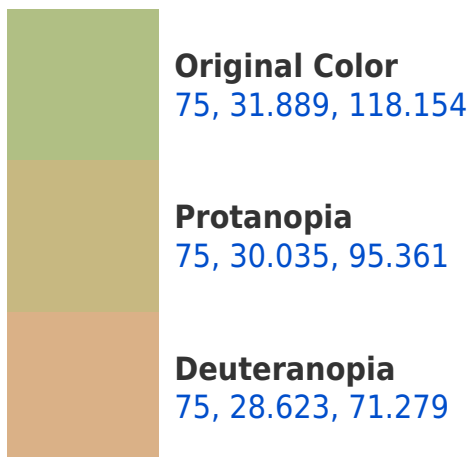


This preview shows how white text looks on a background with the CIELCh color 75, 31.889, 118.154.

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
75, 7.615, 296.332

Trichromacy



Original Color
75, 31.889, 118.154

Protanomaly
75, 30.360, 104.153

Deuteranomaly
75, 27.210, 89.053

Tritanomaly
75, 7.165, 121.710

Monochromacy



Original Color
75, 31.889, 118.154

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 11.484, 118.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.889, 118.154 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(176, 191, 132)` looks like.

```
.text, #text, p{  
    color:rgb(176, 191, 132)  
}
```

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(176, 191, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 191, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.889, 118.154 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(176, 191, 132) }
```

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

```
.border{ border-color:rgb(176, 191, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 191, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 191, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 191, 132); box-shadow:4px 4px 4px 4px rgb(176, 191, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.889, 118.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 191, 132) }
```

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

```
.background{ background-color: rgb(176,  
191, 132) }
```

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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