

Converting Colors

CIELCh(75, 20.364, 112.704)

Have a look what the booklet for
CIELCh(75, 20.364, 112.704)
contains.

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Color

CIELCh(75, 20.383, 112.696)

Conversions

Conversions Part 1

Format	Color
Hex	B8BC96
RGB	184, 188, 150
RGB Percent	72%, 74%, 59%
CMY	0.2790, 0.2633, 0.4123
CMYK	0.02, 0.00, 0.20, 0.26
HSL	66°, 22%, 66%
HSV	66°, 20%, 74%
XYZ	43.1817, 48.2781, 35.8406
YIQ	182.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

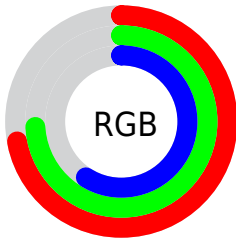
Format	Color
RYB	150, 188, 154
Decimal	12106902
CIELab	75.00, -7.86, 18.80
CIELCh	75, 20.383, 112.696
Yxy	48.2781, 0.3392, 0.3792
Android (android.graphics.Color)	4290296982 (0xFFB8BC96)
YUV	182.4720, -16.0087, 1.3401
Hunter-Lab	69.4824, -10.6607, 18.0546

Details

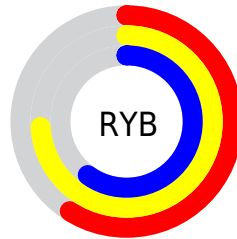
The CIELCh color **75, 20.383, 112.696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 21.336, 296.179**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.451, 112.764**, and **55, 20.472, 112.482** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.295, 111.896**, and if you desaturate by 10%, it is **76, 10.335, 113.505**.

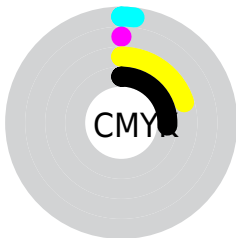
Distribution



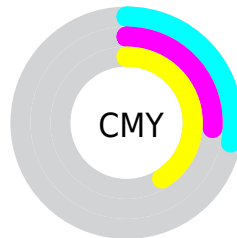
- Red (72%)
- Green (74%)
- Blue (59%)



- Red (59%)
- Yellow (74%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)





- Cyan (28%)
- Magenta (26%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.383, 112.696 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, 20.383, 112.696 by changing the saturation by 10% instead.


 75, 20.383,
112.696


 75, 20.383,
112.696


 100, 20.383,
112.696


 65, 20.383,
112.696


 95, 20.383,
112.696

 55, 20.383,
112.696

 45, 20.383,
112.696

 35, 20.383,
112.696

 25, 20.383,
112.696

 15, 20.383,
112.696

 5, 20.383, 112.696

0, 20.383, 112.696

75, 20.383,
112.696

75, 20.383,
112.696

74, 30.295,
111.896

76, 10.335,
113.505

74, 39.954,
111.116

76, 0.220, 114.196

74, 49.191,
110.389

77, 9.912, 295.074

78, 20.025,
295.812

73, 57.751,
109.757

78, 30.094,
296.516

73, 65.268,
109.274

79, 36.086,
297.324

73, 71.286,
109.008

79, 36.139,

■ 73, 75.369,
109.023

298.330

■ 72, 77.633,
109.290

■ 79, 36.201,
299.338

■ 79, 36.274,
300.347

Harmonies

Complementary

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



75, 20.383, 112.696



64, 21.336, 296.179

Rectangle

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



75, 20.383, 112.696



75, 20.383, 162.696



75, 20.383, 292.696



75, 20.383, 342.696

Sweetspot

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



75, 20.385, 112.700



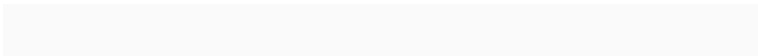
96, 7.520, 113.834



66, 13.869, 29.244



51, 4.986, 113.782



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 20.385, 112.700



95, 29.933, 112.364



74, 22.301, 131.604



40, 5.749, 113.575



62, 68.320, 109.209



11, 17.075, 114.213

Inverse Universe

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



64, 21.336, 296.179



78, 31.654, 296.638



65, 22.778, 313.346



37, 5.873, 295.109



18, 93.005, 306.693



1, 17.477, 293.575

Previews

White Background



This preview shows how the CIELCh color 75, 20.383, 112.696 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, 20.383, 112.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

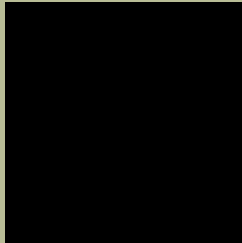
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

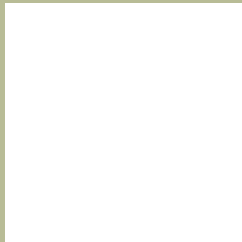
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 20.383, 112.696

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.383, 112.696.



This preview shows how white text looks on a background with the CIELCh color 75, 20.383, 112.696.

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

75, 20.383, 112.696

Protanopia

75, 19.910, 94.283

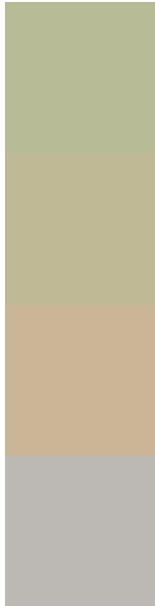
Deuteranopia

75, 20.307, 61.333



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 20.383, 112.696

Protanomaly
75, 19.494, 100.058

Deuteranomaly
75, 18.462, 79.943

Tritanomaly
75, 3.067, 80.493

Monochromacy



Original Color
75, 20.383, 112.696

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.549, 112.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.383, 112.696 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(184, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 188, 150)  
}
```

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(184, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 188, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.383, 112.696 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(184, 188, 150) }
```

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

```
.border{ border-color:rgb(184, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 188,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.383, 112.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 188, 150) }
```

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

```
.background{ background-color: rgb(184,  
188, 150) }
```

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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