

Converting Colors

CIELCh(75, 10.289, 128.659)

Have a look what the booklet for
CIELCh(75, 10.289, 128.659)
contains.

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Color

CIELCh(75, 10.284, 128.660)

Conversions

Conversions Part 1

Format	Color
Hex	B3BCAA
RGB	179, 188, 170
RGB Percent	70%, 74%, 67%
CMY	0.2992, 0.2639, 0.3345
CMYK	0.05, 0.00, 0.10, 0.26
HSL	90°, 12%, 70%
HSV	90°, 10%, 74%
XYZ	43.6689, 48.2781, 44.9012
YIQ	183.2570, 0.4140, -7.5060

Conversions

Conversions Part 2

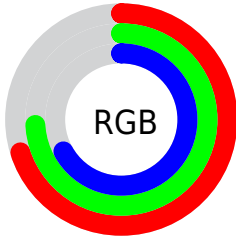
Format	Color
R _{YB}	170, 188, 179
Decimal	11779242
CIE Lab	75.00, -6.42, 8.03
CIE LCh	75, 10.284, 128.660
Yxy	48.2781, 0.3191, 0.3528
Android (android.graphics.Color)	4289969322 (0xFFB3BCAA)
YUV	183.2570, -6.5357, -3.7334
Hunter-Lab	69.4824, -9.4091, 10.3231

Details

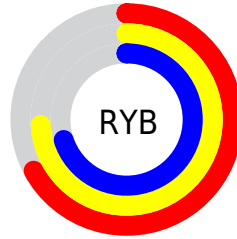
The CIELCh color **75, 10.284, 128.660** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 10.428, 309.487**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.271, 127.804**, and **55, 10.400, 129.567** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.034, 128.193**, and if you desaturate by 10%, it is **76, 0.450, 308.839**.

Distribution



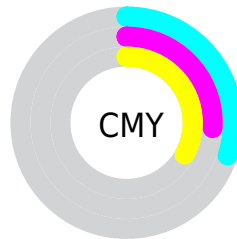
- Red (70%)
- Green (74%)
- Blue (67%)



- Red (67%)
- Yellow (74%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (26%)





- Cyan (30%)
- Magenta (26%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.284, 128.660 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, 10.284, 128.660 by changing the saturation by 10% instead.


 75, 10.284,
128.660


 75, 10.284,
128.660


 100, 10.284,
128.660


 65, 10.284,
128.660


 95, 10.284,
128.660

 55, 10.284,
128.660

 45, 10.284,
128.660

 35, 10.284,
128.660

 25, 10.284,
128.660

 15, 10.284,
128.660

 5, 10.284, 128.660

0, 10.284, 128.660

75, 10.284,
128.660

75, 10.284,
128.660

74, 21.034,
128.193

76, 0.450, 308.839

73, 31.711,
127.710

77, 11.114,
309.483

72, 42.199,
127.232

79, 21.665,
309.855

71, 52.327,
126.796

80, 32.074,
310.188

70, 61.849,
126.460

81, 38.087,
312.463

70, 70.420,
126.311

82, 39.172,
316.974

■ 69, 77.602,
126.464

■ 83, 40.475,
321.291

■ 69, 82.960,
127.045

■ 84, 41.981,
325.383

■ 68, 86.532,
128.027

■ 84, 42.187,
325.887

Harmonies

Complementary

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



75, 10.284, 128.660



71, 10.428, 309.487

Rectangle

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



75, 10.284, 128.660



75, 10.284, 178.660



75, 10.284, 308.660



75, 10.284, 358.660

Sweetspot

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



75, 10.286, 128.664



96, 3.980, 128.977



73, 5.950, 74.205



51, 3.018, 128.935



98, 0.011, 296.813



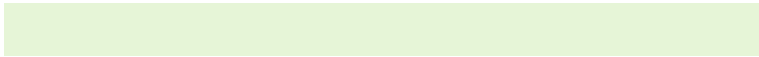
51, 0.007, 296.813

Same Dimension

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



75, 10.286, 128.664



95, 15.980, 128.542



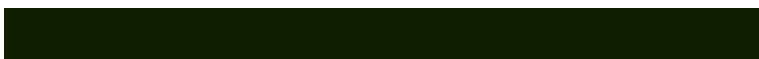
74, 11.892, 143.902



39, 6.105, 128.675



58, 76.176, 127.852



10, 19.129, 133.084

Inverse Universe

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



71, 10.428, 309.487



88, 16.251, 309.612



71, 11.909, 324.942



37, 6.188, 309.476



24, 87.185, 312.035



2, 18.078, 304.990

Previews

White Background



This preview shows how the CIELCh color 75, 10.284, 128.660 looks on a white background.

Color Contrast Check

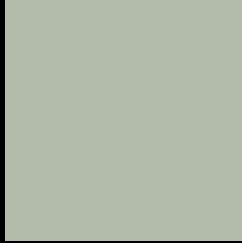
Large Text (above 18pt) WCAG AA × Fail

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 75, 10.284, 128.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

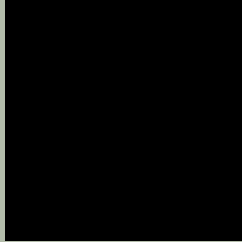
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.284, 128.660

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.284, 128.660.



This preview shows how white text looks on a background with the CIELCh color 75, 10.284, 128.660.

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, 10.284, 128.660

Protanopia

75, 9.129, 89.553

Deuteranopia

75, 11.728, 36.145



Tritanopia
75, 7.566, 288.177

Trichromacy



Original Color
75, 10.284, 128.660

Protanomaly
75, 8.628, 104.246

Deuteranomaly
75, 8.274, 65.197

Tritanomaly
75, 2.171, 247.910

Monochromacy



Original Color
75, 10.284, 128.660

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.068, 131.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.284, 128.660 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(179, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(179, 188, 170)  
}
```

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(179, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 188, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.284, 128.660 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(179, 188, 170) }
```

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

```
.border{ border-color:rgb(179, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(179, 188,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.284, 128.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 188, 170) }
```

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

```
.background{ background-color: rgb(179,  
188, 170) }
```

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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