

Converting Colors

CIELCh(75, 30.730, 112.712)

Have a look what the booklet for
CIELCh(75, 30.730, 112.712)
contains.

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Color

CIELCh(75, 30.950, 113.276)

Conversions

Conversions Part 1

Format	Color
Hex	B6BE84
RGB	182, 190, 132
RGB Percent	71%, 75%, 52%
CMY	0.2874, 0.2560, 0.4834
CMYK	0.04, 0.00, 0.31, 0.26
HSL	68°, 31%, 63%
HSV	68°, 31%, 74%
XYZ	41.7270, 48.2781, 28.8556
YIQ	180.9960, 13.8500, -19.7340

Conversions

Conversions Part 2

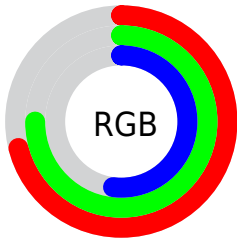
Format	Color
RYB	132, 190, 140
Decimal	11976324
CIELab	75.00, -12.23, 28.43
CIELCh	75, 30.950, 113.276
Yxy	48.2781, 0.3511, 0.4062
Android (android.graphics.Color)	4290166404 (0xFFB6BE84)
YUV	180.9960, -24.1550, 0.8805
Hunter-Lab	69.4824, -14.3978, 24.0150

Details

The CIELCh color **75, 30.950, 113.276** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 33.233, 298.456**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.597, 113.517**, and **55, 31.014, 113.771** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.706, 112.544**, and if you desaturate by 10%, it is **76, 20.940, 114.039**.

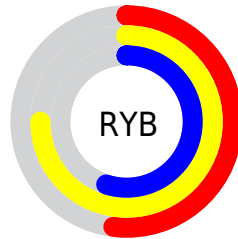
Distribution



Red (71%)

Green (75%)

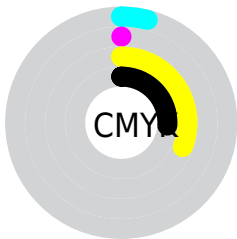
Blue (52%)



Red (52%)

Yellow (75%)

Blue (55%)

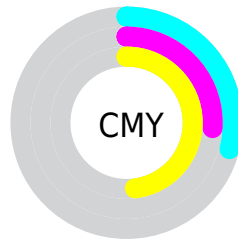


Cyan (4%)

Magenta (0%)

Yellow (31%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 30.950, 113.276 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, 30.950, 113.276 by changing the saturation by 10% instead.


 75, 30.950,
113.276


 75, 30.950,
113.276


 100, 30.950,
113.276


 65, 30.950,
113.276


 95, 30.950,
113.276

 55, 30.950,
113.276

 45, 30.950,
113.276

 35, 30.950,
113.276

 25, 30.950,
113.276

 15, 30.950,
113.276

 5, 30.950, 113.276

■ 0, 30.950, 113.276

■ 75, 30.950,
113.276

■ 75, 30.950,
113.276

■ 75, 40.706,
112.544

■ 76, 20.940,
114.039

■ 74, 50.031,
111.865

■ 76, 10.787,
114.802

■ 74, 58.665,
111.288

■ 77, 0.568, 115.532

■ 73, 66.238,
110.874

■ 78, 9.666, 296.280

■ 73, 72.289,
110.697

■ 78, 19.879,
296.975

■ 73, 76.386,
110.829

■ 79, 30.044,
297.636

■ 80, 35.107,

■ 73, 78.615,
111.218

298.643

■ 80, 35.199,
300.023

■ 80, 35.309,
301.403

Harmonies

Complementary

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



75, 30.950, 113.276



58, 33.233, 298.456

Rectangle

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



75, 30.950, 113.276



75, 30.950, 163.276



75, 30.950, 293.276



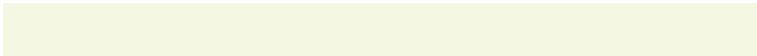
75, 30.950, 343.276

Sweetspot

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



75, 30.952, 113.279



97, 11.401, 114.909



63, 21.472, 32.835



52, 7.986, 114.797



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, 30.952, 113.279



95, 46.199, 112.757



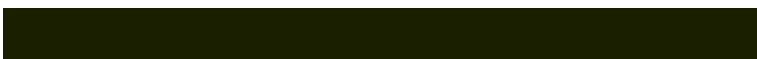
73, 34.253, 132.189



40, 5.762, 114.893



61, 68.667, 111.109



10, 17.179, 116.180

Inverse Universe

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



58, 33.233, 298.456



69, 50.598, 299.310



60, 35.264, 314.902



37, 5.885, 296.337



19, 92.739, 306.876



1, 17.498, 294.483

Previews

White Background



This preview shows how the CIELCh color 75, 30.950, 113.276 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, 30.950, 113.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

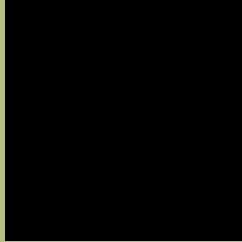
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 30.950, 113.276

Background



This preview shows how black text looks on a background with the CIELCh color 75, 30.950, 113.276.



This preview shows how white text looks on a background with the CIELCh color 75, 30.950, 113.276.

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, 30.950, 113.276

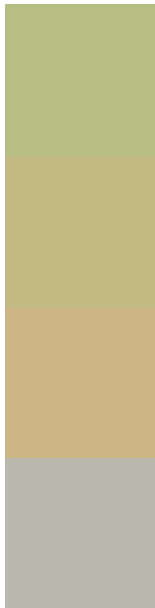
Protanopia
75, 30.035, 95.361

Deuteranopia
75, 29.070, 71.817



Tritanopia
75, 8.145, 311.806

Trichromacy



Original Color
75, 30.950, 113.276

Protanomaly
75, 29.963, 101.771

Deuteranomaly
75, 28.006, 87.706

Tritanomaly
75, 6.489, 102.815

Monochromacy



Original Color
75, 30.950, 113.276

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.370, 114.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 30.950, 113.276 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, 190, 132)` looks like.

```
.text, #text, p{  
    color:rgb(182, 190, 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(182, 190, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 190, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 30.950, 113.276 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, 190, 132) }
```

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

```
.border{ border-color:rgb(182, 190, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 190, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 190, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 190, 132);  
box-shadow:4px 4px 4px 4px rgb(182, 190,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 30.950, 113.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 190, 132) }
```

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

```
.background{ background-color: rgb(182,  
190, 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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