

Converting Colors

CIELCh(75, 22.658, 100.835)

Have a look what the booklet for
CIELCh(75, 22.658, 100.835)
contains.

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Color

CIELCh(75, 22.636, 100.849)

Conversions

Conversions Part 1

Format	Color
Hex	C1BA90
RGB	193, 186, 144
RGB Percent	76%, 73%, 56%
CMY	0.2444, 0.2718, 0.4365
CMYK	0.00, 0.04, 0.25, 0.24
HSL	51°, 28%, 66%
HSV	51°, 25%, 76%
XYZ	44.4078, 48.2781, 33.2381
YIQ	183.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

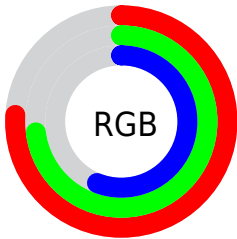
Format	Color
R_{YB}	152, 193, 144
Decimal	12696208
CIE Lab	75.00, -4.26, 22.23
CIE LCh	75, 22.636, 100.849
Yxy	48.2781, 0.3527, 0.3834
Android (android.graphics.Color)	4290886288 (0xFFC1BA90)
YUV	183.3050, -19.3774, 8.5025
Hunter-Lab	69.4824, -7.5109, 20.2754

Details

The CIELCh color **75, 22.636, 100.849** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 23.548, 286.933**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.631, 100.712**, and **55, 22.822, 100.769** is the 20% darker color. If you saturate the color by 10%, you get **74, 31.485, 99.725**, and if you desaturate by 10%, it is **76, 13.725, 101.965**.

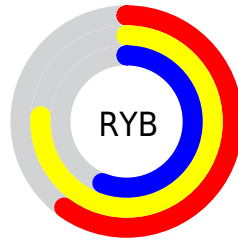
Distribution



Red (76%)

Green (73%)

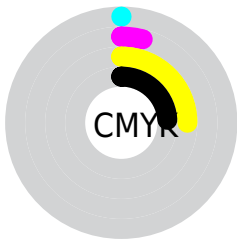
Blue (56%)



Red (60%)

Yellow (76%)

Blue (56%)

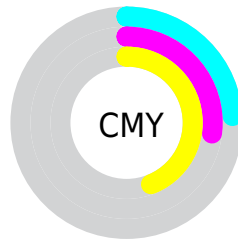


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 22.636, 100.849 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, 22.636, 100.849 by changing the saturation by 10% instead.

 75, 22.636,
100.849

 75, 22.636,
100.849


 100, 22.636,
100.849


 65, 22.636,
100.849


 95, 22.636,
100.849

 55, 22.636,
100.849

 45, 22.636,
100.849

 35, 22.636,
100.849

 25, 22.636,
100.849

 15, 22.636,
100.849

 5, 22.636, 100.849

0, 22.636, 100.849

75, 22.636,
100.849

75, 22.636,
100.849

74, 31.485, 99.725

76, 13.725,
101.965

73, 40.161, 98.591

77, 4.811, 103.037

72, 48.483, 97.462

79, 4.068, 284.149

71, 56.160, 96.351

80, 12.891,
285.147

70, 62.751, 95.265

69, 67.683, 94.199

81, 21.646,
286.118

69, 70.433, 93.130

82, 28.081,
286.342

68, 71.252, 92.640

83, 26.668,

283.942

■ 84, 25.307,
281.292

■ 84, 24.005,
278.363

Harmonies

Complementary

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



75, 22.636, 100.849



63, 23.548, 286.933

Rectangle

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



75, 22.636, 100.849



75, 22.636, 150.849



75, 22.636, 280.849



75, 22.636, 330.849

Sweetspot

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



75, 22.637, 100.854



97, 8.778, 102.754



64, 19.906, 9.739



52, 6.240, 102.592



99, 0.012, 296.813



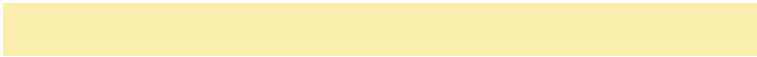
52, 0.007, 296.813

Same Dimension

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



75, 22.637, 100.854



94, 34.071, 100.171



76, 26.948, 122.308



40, 5.062, 102.621



58, 62.345, 92.793



10, 15.591, 97.741

Inverse Universe

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



63, 23.548, 286.933



76, 35.846, 287.931



63, 28.226, 305.186



38, 5.139, 284.717



21, 86.851, 303.840



2, 17.522, 287.019

Previews

White Background



This preview shows how the CIELCh color 75, 22.636, 100.849 looks on a white background.

Color Contrast Check

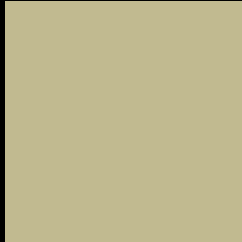
Large Text (above 18pt) WCAG AA × Fail

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, 22.636, 100.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

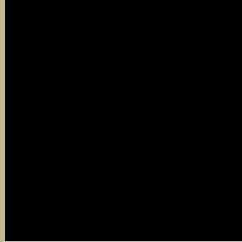
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.636, 100.849

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.636, 100.849.



This preview shows how white text looks on a background with the CIELCh color 75, 22.636, 100.849.

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, 22.636, 100.849

Protanopia

75, 22.606, 94.555

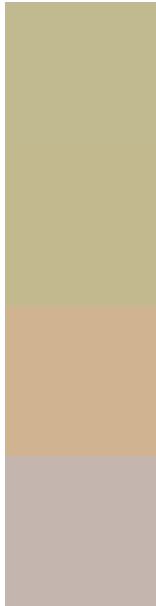
Deuteranopia

75, 23.731, 66.119



Tritanopia
75, 10.613, 334.938

Trichromacy



Original Color
75, 22.636, 100.849

Protanomaly
75, 22.846, 97.796

Deuteranomaly
75, 22.131, 77.260

Tritanomaly
75, 6.917, 47.536

Monochromacy



Original Color
75, 22.636, 100.849

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.144, 101.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.636, 100.849 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(193, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 144)  
}
```

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(193, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.636, 100.849 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(193, 186, 144) }
```

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

```
.border{ border-color:rgb(193, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.636, 100.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 144) }
```

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

```
.background{ background-color: rgb(193,  
186, 144) }
```

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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