

Converting Colors

CIELCh(72, 24.664, 85.412)

Have a look what the booklet for
CIELCh(72, 24.664, 85.412) contains.

CIELCh(72, 24.719, 85.170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 24.719, 85.170)

Conversions

Conversions Part 1

Format	Color
Hex	C5AE84
RGB	197, 174, 132
RGB Percent	77%, 68%, 52%
CMY	0.2286, 0.3187, 0.4834
CMYK	0.00, 0.12, 0.33, 0.23
HSL	39°, 36%, 64%
HSV	39°, 33%, 77%
XYZ	42.1834, 43.6590, 27.9405
YIQ	176.0890, 27.1900, -8.1860

Conversions

Conversions Part 2

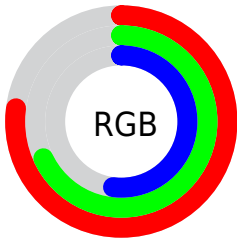
Format	Color
RYB	168, 197, 132
Decimal	12955268
CIELab	72.00, 2.08, 24.63
CIELCh	72, 24.719, 85.170
Yxy	43.6590, 0.3707, 0.3837
Android (android.graphics.Color)	4291145348 (0xFFC5AE84)
YUV	176.0890, -21.7359, 18.3389
Hunter-Lab	66.0750, -1.6736, 21.1811

Details

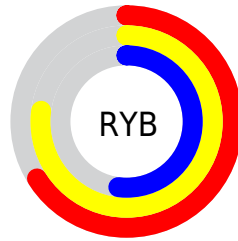
The CIELCh color **72, 24.719, 85.170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 24.333, 274.718**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.690, 85.178**, and **52, 24.813, 85.762** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.520, 83.798**, and if you desaturate by 10%, it is **74, 17.042, 86.513**.

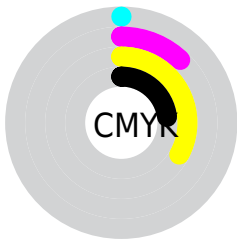
Distribution



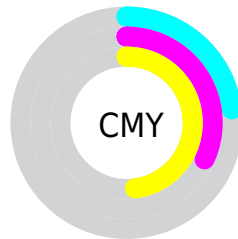
- Red (77%)
- Green (68%)
- Blue (52%)



- Red (66%)
- Yellow (77%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 24.719, 85.170 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 72, 24.719, 85.170 by changing the saturation by 10% instead.

 72, 24.719, 85.170

 72, 24.719, 85.170

 100, 24.719,
85.170

 62, 24.719, 85.170

 92, 24.719, 85.170

 52, 24.719, 85.170

 42, 24.719, 85.170

 32, 24.719, 85.170

 22, 24.719, 85.170

 12, 24.719, 85.170

 2, 24.719, 85.170

 0, 24.719, 85.170

 72, 24.719, 85.170

 72, 24.719, 85.170

70, 32.520, 83.798

74, 17.042, 86.513

68, 40.356, 82.375

76, 9.526, 87.803

66, 48.048, 80.888

79, 2.183, 88.972

64, 55.267, 79.293

81, 4.989, 270.350

62, 61.449, 77.490

83, 11.998,
271.483

60, 65.814, 75.306

86, 18.856,
272.585

59, 67.859, 73.576

88, 18.718,
264.965

90, 16.785,
251.767

91, 15.902,
236.328

Harmonies

Complementary

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



72, 24.719, 85.170



64, 24.333, 274.718

Rectangle

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



72, 24.719, 85.170



72, 24.719, 135.170



72, 24.719, 265.170



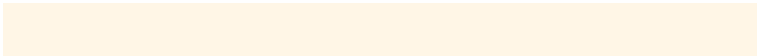
72, 24.719, 315.170

Sweetspot

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



72, 24.720, 85.176



97, 8.991, 88.162



62, 28.505, 355.085



51, 6.146, 87.985



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 24.720, 85.176



89, 37.238, 84.134



77, 34.368, 112.883



41, 4.163, 88.256



50, 59.076, 74.027



9, 13.739, 76.221

Inverse Universe

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



64, 24.333, 274.718



76, 36.564, 276.355



58, 37.167, 298.602



39, 4.153, 270.726



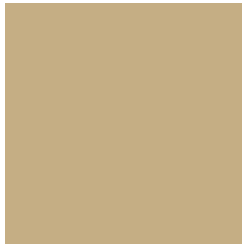
29, 67.103, 295.060



4, 16.349, 279.973

Previews

White Background



This preview shows how the CIELCh color 72, 24.719, 85.170 looks on a white background.

Color Contrast Check

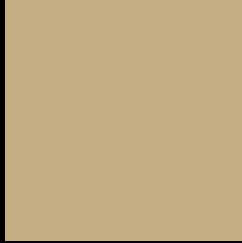
Large Text (above 18pt) WCAG AA × Fail

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 72, 24.719, 85.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

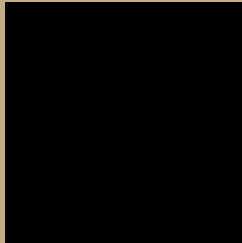
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.719, 85.170

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.719, 85.170.



This preview shows how white text looks on a background with the CIELCh color 72, 24.719, 85.170.

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

72, 24.719, 85.170

Protanopia

72, 23.836, 94.873

Deuteranopia

72, 25.699, 68.860



Tritanopia
72, 15.036, 352.853

Trichromacy



Original Color
72, 24.719, 85.170

Protanomaly
72, 23.793, 90.739

Deuteranomaly
72, 24.954, 74.663

Tritanomaly
72, 12.819, 37.497

Monochromacy



Original Color
72, 24.719, 85.170

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.854, 85.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.719, 85.170 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(197, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 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(197, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.719, 85.170 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(197, 174, 132) }
```

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

```
.border{ border-color:rgb(197, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.719, 85.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 132) }
```

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

```
.background{ background-color: rgb(197,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor