

Converting Colors

CIELCh(73, 28.199, 91.870)

Have a look what the booklet for
CIELCh(73, 28.199, 91.870) contains.

CIELCh(73, 27.952, 91.947)	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(73, 27.952, 91.947)

Conversions

Conversions Part 1

Format	Color
Hex	C4B280
RGB	196, 178, 128
RGB Percent	77%, 70%, 50%
CMY	0.2312, 0.3017, 0.4978
CMYK	0.00, 0.09, 0.35, 0.23
HSL	44°, 37%, 64%
HSV	44°, 35%, 77%
XYZ	42.6094, 45.1644, 26.9110
YIQ	177.6820, 26.7780, -11.7340

Conversions

Conversions Part 2

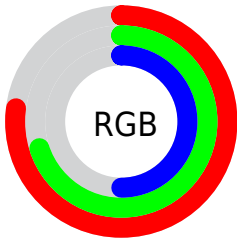
Format	Color
RYB	152, 196, 128
Decimal	12890752
CIELab	73.00, -0.95, 27.94
CIELCh	73, 27.952, 91.947
Yxy	45.1644, 0.3715, 0.3938
Android (android.graphics.Color)	4291080832 (0xFFC4B280)
YUV	177.6820, -24.4932, 16.0649
Hunter-Lab	67.2044, -4.4341, 23.3013

Details

The CIELCh color **73, 27.952, 91.947** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 28.532, 281.542**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 28.156, 92.751**, and **53, 28.204, 92.696** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.099, 90.641**, and if you desaturate by 10%, it is **75, 19.797, 93.229**.

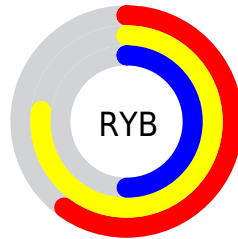
Distribution



Red (77%)

Green (70%)

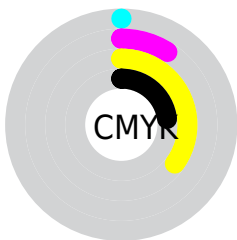
Blue (50%)



Red (60%)

Yellow (77%)

Blue (50%)

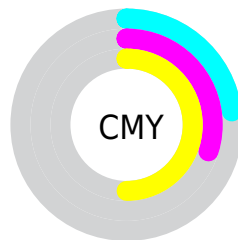


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (30%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.952, 91.947 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 73, 27.952, 91.947 by changing the saturation by 10% instead.

■ 73, 27.952, 91.947

■ 73, 27.952, 91.947

■ 100, 27.952,
91.947

■ 63, 27.952, 91.947

■ 93, 27.952, 91.947

■ 53, 27.952, 91.947

■ 43, 27.952, 91.947

■ 33, 27.952, 91.947

■ 23, 27.952, 91.947

■ 13, 27.952, 91.947

■ 3, 27.952, 91.947

■ 0, 27.952, 91.947

■ 73, 27.952, 91.947

■ 73, 27.952, 91.947

71, 36.099, 90.641

75, 19.797, 93.229

70, 44.100, 89.297

76, 11.701, 94.466

68, 51.718, 87.909

78, 3.702, 95.634

67, 58.547, 86.449

80, 4.187, 276.892

65, 63.978, 84.856

82, 11.959,
277.974

64, 67.310, 83.019

84, 19.618,
279.029

63, 68.472, 81.972

86, 21.977,
276.259

87, 19.836,
269.034

88, 18.075,
260.310

Harmonies

Complementary

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



73, 27.952, 91.947



61, 28.532, 281.542

Rectangle

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



73, 27.952, 91.947



73, 27.952, 141.947



73, 27.952, 271.947



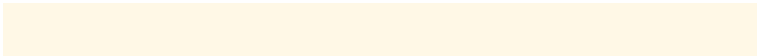
73, 27.952, 321.947

Sweetspot

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



73, 27.953, 91.952



98, 9.829, 95.009



61, 28.804, 2.336



52, 6.714, 94.840



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 27.953, 91.952



91, 41.991, 90.910



77, 36.361, 117.044



40, 4.456, 95.103



52, 59.135, 82.327



9, 13.432, 86.625

Inverse Universe

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



61, 28.532, 281.542



73, 43.208, 283.214



57, 39.253, 302.037



38, 4.485, 277.425



24, 75.791, 299.653



3, 15.936, 282.720

Previews

White Background



This preview shows how the CIELCh color 73, 27.952, 91.947 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 73, 27.952, 91.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

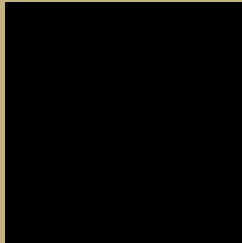
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 27.952, 91.947

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.952, 91.947.



This preview shows how white text looks on a background with the CIELCh color 73, 27.952, 91.947.

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

73, 27.952, 91.947

Protanopia

73, 28.018, 95.482

Deuteranopia

73, 29.252, 71.707



Tritanopia
73, 13.647, 349.624

Trichromacy



Original Color
73, 27.952, 91.947

Protanomaly
73, 28.113, 94.648

Deuteranomaly
73, 28.156, 78.307

Tritanomaly
73, 11.576, 47.826

Monochromacy



Original Color
73, 27.952, 91.947

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 10.104, 93.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.952, 91.947 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(196, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 128)  
}
```

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(196, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.952, 91.947 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(196, 178, 128) }
```

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

```
.border{ border-color:rgb(196, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.952, 91.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 128) }
```

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

```
.background{ background-color: rgb(196,  
178, 128) }
```

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