

Converting Colors

CIELCh(73, 18.212, 57.832)

Have a look what the booklet for
CIELCh(73, 18.212, 57.832) contains.

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Color

CIELCh(73, 17.925, 57.106)

Conversions

Conversions Part 1

Format	Color
Hex	CFAC98
RGB	207, 172, 152
RGB Percent	81%, 67%, 60%
CMY	0.1873, 0.3246, 0.4031
CMYK	0.00, 0.17, 0.27, 0.19
HSL	22°, 37%, 70%
HSV	22°, 27%, 81%
XYZ	46.2790, 45.1644, 36.0787
YIQ	180.1850, 27.2800, 1.2000

Conversions

Conversions Part 2

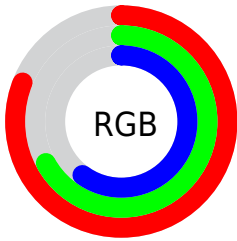
Format	Color
R_{YB}	207, 183, 152
Decimal	13610136
CIE Lab	73.00, 9.73, 15.05
CIE LCh	73, 17.925, 57.106
Yxy	45.1644, 0.3629, 0.3542
Android (android.graphics.Color)	4291800216 (0xFFCFAC98)
YUV	180.1850, -13.8952, 23.5168
Hunter-Lab	67.2044, 5.3127, 15.2133

Details

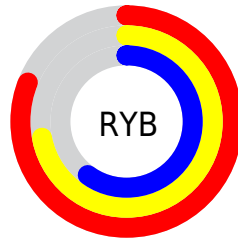
The CIELCh color $73, 17.925, 57.106$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 15.681, 242.687$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.161, 65.162$, and $53, 17.987, 57.593$ is the 20% darker color. If you saturate the color by 10%, you get $69, 25.562, 56.330$, and if you desaturate by 10%, it is $77, 10.792, 57.943$.

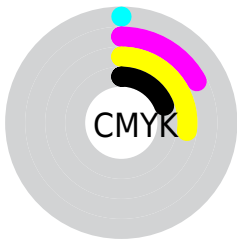
Distribution



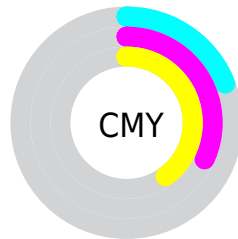
- Red (81%)
- Green (67%)
- Blue (60%)



- Red (81%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 17.925, 57.106 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, 17.925, 57.106 by changing the saturation by 10% instead.

■ 73, 17.925, 57.106

■ 73, 17.925, 57.106

■ 100, 17.925,
57.106

■ 63, 17.925, 57.106

■ 93, 17.925, 57.106

■ 53, 17.925, 57.106

■ 43, 17.925, 57.106

■ 33, 17.925, 57.106

■ 23, 17.925, 57.106

■ 13, 17.925, 57.106

■ 3, 17.925, 57.106

■ 0, 17.925, 57.106

■ 73, 17.925, 57.106

■ 73, 17.925, 57.106

69, 25.562, 56.330

77, 10.792, 57.943

66, 33.721, 55.606

81, 4.126, 58.754

62, 42.378, 54.949

85, 2.116, 240.002

59, 51.423, 54.333

89, 7.981, 240.748

56, 60.569, 53.669

92, 13.250,
240.139

53, 69.176, 52.734

96, 14.716,
205.884

51, 76.109, 51.103

50, 78.300, 50.564

97, 15.866,
198.451

Harmonies

Complementary

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



73, 17.925, 57.106



74, 15.681, 242.687

Rectangle

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



73, 17.925, 57.106



73, 17.925, 107.106



73, 17.925, 237.106



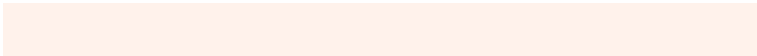
73, 17.925, 287.106

Sweetspot

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



73, 17.925, 57.115



96, 5.998, 58.638



69, 28.205, 338.391



51, 4.285, 58.518



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, 17.925, 57.115



86, 26.098, 56.650



80, 24.903, 100.303



42, 3.638, 58.534



41, 66.724, 51.116



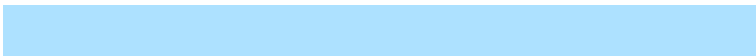
7, 16.322, 42.933

Inverse Universe

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



74, 15.681, 242.687



87, 22.073, 243.657



67, 25.927, 286.759



42, 3.487, 240.479



43, 39.979, 266.631



8, 13.505, 254.865

Previews

White Background



This preview shows how the CIELCh color 73, 17.925, 57.106 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, 17.925, 57.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

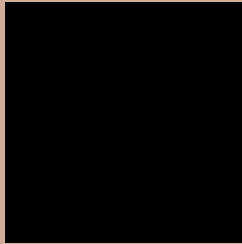
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.925, 57.106

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.925, 57.106.



This preview shows how white text looks on a background with the CIELCh color 73, 17.925, 57.106.

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, 17.925, 57.106

Protanopia

73, 12.914, 92.995

Deuteranopia

73, 17.618, 59.992



Tritanopia
73, 17.800, 357.865

Trichromacy



Original Color
73, 17.925, 57.106

Protanomaly
73, 13.905, 78.010

Deuteranomaly
73, 17.618, 59.992

Tritanomaly
73, 15.577, 18.774

Monochromacy



Original Color
73, 17.925, 57.106

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.258, 56.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.925, 57.106 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(207, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(207, 172, 152)  
}
```

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(207, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 172, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.925, 57.106 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(207, 172, 152) }
```

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

```
.border{ border-color:rgb(207, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(207, 172,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.925, 57.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 172, 152) }
```

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

```
.background{ background-color: rgb(207,  
172, 152) }
```

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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