

Converting Colors

CIELCh(73, 18.520, 80.502)

Have a look what the booklet for
CIELCh(73, 18.520, 80.502) contains.

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Color

CIELCh(73, 18.567, 79.862)

Conversions

Conversions Part 1

Format	Color
Hex	C6B092
RGB	198, 176, 146
RGB Percent	78%, 69%, 57%
CMY	0.2233, 0.3096, 0.4272
CMYK	0.00, 0.11, 0.26, 0.22
HSL	35°, 31%, 67%
HSV	35°, 26%, 78%
XYZ	44.0339, 45.1644, 33.6142
YIQ	179.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

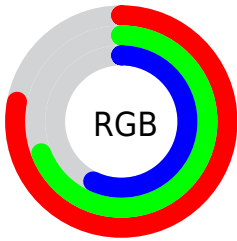
Format	Color
RYB	184, 198, 146
Decimal	13021330
CIELab	73.00, 3.27, 18.28
CIElCh	73, 18.567, 79.862
Yxy	45.1644, 0.3585, 0.3678
Android (android.graphics.Color)	4291211410 (0xFFC6B092)
YUV	179.1580, -16.3469, 16.5244
Hunter-Lab	67.2044, -0.6505, 17.3876

Details

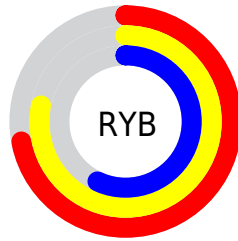
The CIELCh color $73, 18.567, 79.862$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $68, 17.871, 267.306$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.655, 80.903$, and $53, 18.964, 80.324$ is the 20% darker color. If you saturate the color by 10%, you get $70, 26.071, 78.523$, and if you desaturate by 10%, it is $76, 11.300, 81.178$.

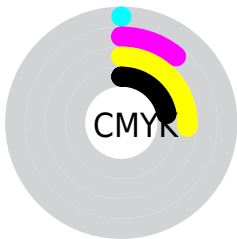
Distribution



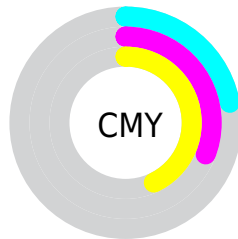
- Red (78%)
- Green (69%)
- Blue (57%)



- Red (72%)
- Yellow (78%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 18.567, 79.862 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, 18.567, 79.862 by changing the saturation by 10% instead.

 73, 18.567, 79.862

 73, 18.567, 79.862

 100, 18.567,
79.862

 63, 18.567, 79.862

 93, 18.567, 79.862

 53, 18.567, 79.862

 43, 18.567, 79.862

 33, 18.567, 79.862

 23, 18.567, 79.862

 13, 18.567, 79.862

 3, 18.567, 79.862

 0, 18.567, 79.862

 73, 18.567, 79.862

 73, 18.567, 79.862

70, 26.071, 78.523

76, 11.300, 81.178

68, 33.781, 77.141

78, 4.272, 82.418

66, 41.613, 75.715

81, 2.529, 263.853

63, 49.383, 74.213

84, 9.119, 264.964

61, 56.728, 72.559

86, 15.517,
266.101

59, 63.007, 70.597

89, 17.309,
259.123

57, 67.378, 68.079

56, 68.786, 67.102

91, 15.696,
241.129

93, 15.807,
221.570

95, 17.564,
204.316

Harmonies

Complementary

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



73, 18.567, 79.862



68, 17.871, 267.306

Rectangle

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



73, 18.567, 79.862



73, 18.567, 129.862



73, 18.567, 259.862



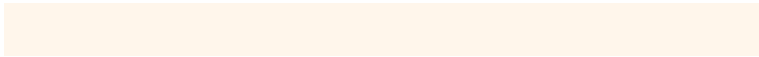
73, 18.567, 309.862

Sweetspot

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



73, 18.568, 79.870



97, 6.730, 82.198



66, 23.443, 349.951



52, 4.796, 82.012



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, 18.568, 79.870



90, 28.076, 79.035



78, 27.481, 110.542



41, 3.908, 82.044



47, 59.505, 67.640



8, 13.177, 67.326

Inverse Universe

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



68, 17.871, 267.306



82, 26.753, 268.533



63, 29.232, 295.544



40, 3.866, 264.566



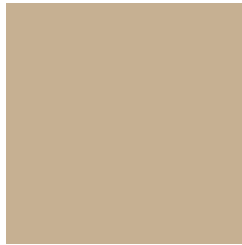
32, 59.427, 290.330



4, 15.266, 276.061

Previews

White Background



This preview shows how the CIELCh color 73, 18.567, 79.862 looks on a white background.

Color Contrast Check

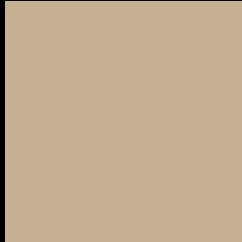
Large Text (above 18pt) WCAG AA × Fail

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, 18.567, 79.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

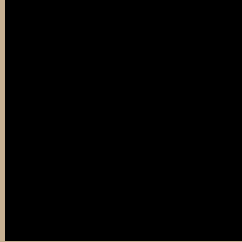
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

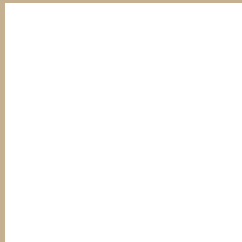
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 18.567, 79.862

Background



This preview shows how black text looks on a background with the CIELCh color 73, 18.567, 79.862.



This preview shows how white text looks on a background with the CIELCh color 73, 18.567, 79.862.

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, 18.567, 79.862

Protanopia

73, 17.822, 94.116

Deuteranopia

73, 20.126, 62.037



Tritanopia
73, 13.975, 350.475

Trichromacy



Original Color
73, 18.567, 79.862

Protanomaly
73, 17.811, 88.688

Deuteranomaly
73, 19.020, 67.281

Tritanomaly
73, 10.988, 28.717

Monochromacy



Original Color
73, 18.567, 79.862

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.687, 82.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 18.567, 79.862 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(198, 176, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 146)  
}
```

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(198, 176, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 18.567, 79.862 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(198, 176, 146) }
```

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

```
.border{ border-color:rgb(198, 176, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 18.567, 79.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 146) }
```

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

```
.background{ background-color: rgb(198,  
176, 146) }
```

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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