

Converting Colors

CIELCh(73, 12.262, 63.836)

Have a look what the booklet for
CIELCh(73, 12.262, 63.836) contains.

CIELCh(73, 12.306, 64.332)	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, 12.306, 64.332)

Conversions

Conversions Part 1

Format	Color
Hex	C5AF9F
RGB	197, 175, 159
RGB Percent	77%, 69%, 62%
CMY	0.2265, 0.3128, 0.3756
CMYK	0.00, 0.11, 0.19, 0.23
HSL	25°, 25%, 70%
HSV	25°, 19%, 77%
XYZ	44.7418, 45.1644, 39.2648
YIQ	179.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

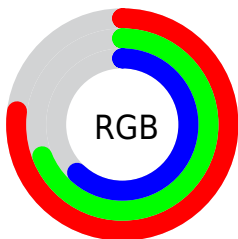
Format	Color
RYB	197, 187, 159
Decimal	12955551
CIELab	73.00, 5.33, 11.09
CIElCh	73, 12.306, 64.332
Yxy	45.1644, 0.3464, 0.3496
Android (android.graphics.Color)	4291145631 (0xFFC5AF9F)
YUV	179.7540, -10.2317, 15.1247
Hunter-Lab	67.2044, 1.2297, 12.4024

Details

The CIELCh color **73, 12.306, 64.332** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 11.409, 248.929**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.243, 65.128**, and **53, 12.218, 64.697** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.269, 63.305**, and if you desaturate by 10%, it is **76, 5.746, 65.370**.

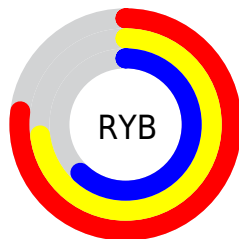
Distribution



Red (77%)

Green (69%)

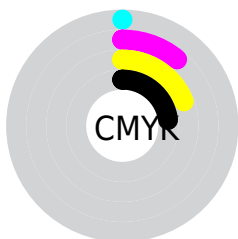
Blue (62%)



Red (77%)

Yellow (73%)

Blue (62%)

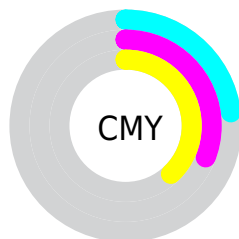


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (31%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 12.306, 64.332 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, 12.306, 64.332 by changing the saturation by 10% instead.

 73, 12.306, 64.332

 73, 12.306, 64.332

 100, 12.306,
64.332

 63, 12.306, 64.332

 93, 12.306, 64.332

 53, 12.306, 64.332

 43, 12.306, 64.332

 33, 12.306, 64.332

 23, 12.306, 64.332

 13, 12.306, 64.332

 3, 12.306, 64.332

 0, 12.306, 64.332

 73, 12.306, 64.332

 73, 12.306, 64.332

70, 19.269, 63.305

76, 5.746, 65.370

66, 26.659, 62.284

80, 0.446, 247.461

63, 34.475, 61.290

83, 6.308, 247.638

60, 42.668, 60.314

87, 11.877,
248.648

57, 51.083, 59.316

90, 16.163,
245.898

55, 59.364, 58.180

52, 66.786, 56.650

93, 16.124,
219.756

50, 72.607, 54.525

96, 18.940,
198.254

50, 73.038, 54.395

Harmonies

Complementary

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



73, 12.306, 64.332



73, 11.409, 248.929

Rectangle

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



73, 12.306, 64.332



73, 12.306, 114.332



73, 12.306, 244.332



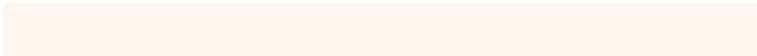
73, 12.306, 294.332

Sweetspot

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



73, 12.306, 64.344



97, 4.537, 65.670



70, 18.744, 340.937



52, 3.016, 65.610



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, 12.306, 64.344



90, 18.318, 63.919



78, 18.559, 104.606



40, 3.540, 65.358



41, 63.198, 54.951



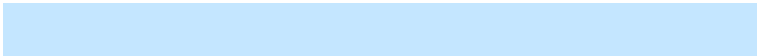
6, 13.053, 48.637

Inverse Universe

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



73, 11.409, 248.929



90, 16.679, 249.568



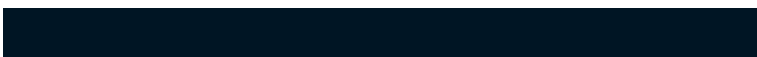
68, 19.242, 288.875



40, 3.423, 247.594



39, 43.697, 274.663



6, 12.788, 262.350

Previews

White Background



This preview shows how the CIELCh color 73, 12.306, 64.332 looks on a white background.

Color Contrast Check

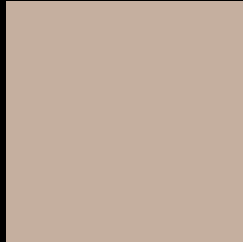
Large Text (above 18pt) WCAG AA × Fail

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, 12.306, 64.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

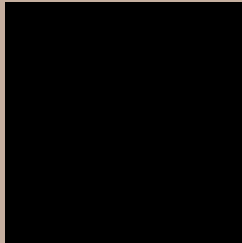
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 12.306, 64.332

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.306, 64.332.



This preview shows how white text looks on a background with the CIELCh color 73, 12.306, 64.332.

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, 12.306, 64.332

Protanopia

73, 10.205, 91.401

Deuteranopia

73, 14.227, 49.678



Tritanopia
73, 13.290, 345.818

Trichromacy



Original Color
73, 12.306, 64.332

Protanomaly
73, 10.985, 81.533

Deuteranomaly
73, 13.483, 54.077

Tritanomaly
73, 10.075, 11.005

Monochromacy



Original Color
73, 12.306, 64.332

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.437, 66.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.306, 64.332 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, 175, 159)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 159)  
}
```

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, 175, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.306, 64.332 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, 175, 159) }
```

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

```
.border{ border-color:rgb(197, 175, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 159);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.306, 64.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 159) }
```

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

```
.background{ background-color: rgb(197,  
175, 159) }
```

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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