

Converting Colors

CIELCh(70, 23.353, 92.750)

Have a look what the booklet for
CIELCh(70, 23.353, 92.750) contains.

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Color

CIELCh(70, 23.155, 92.304)

Conversions

Conversions Part 1

Format	Color
Hex	B9AA81
RGB	185, 170, 129
RGB Percent	73%, 67%, 51%
CMY	0.2737, 0.3326, 0.4934
CMYK	0.00, 0.08, 0.30, 0.27
HSL	44°, 29%, 62%
HSV	44°, 30%, 73%
XYZ	38.4400, 40.7494, 26.6719
YIQ	169.8110, 22.1010, -9.5710

Conversions

Conversions Part 2

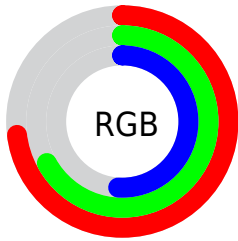
Format	Color
RYB	149, 185, 129
Decimal	12167809
CIELab	70.00, -0.93, 23.14
CIElCh	70, 23.155, 92.304
Yxy	40.7494, 0.3631, 0.3849
Android (android.graphics.Color)	4290357889 (0xFFB9AA81)
YUV	169.8110, -20.1198, 13.3208
Hunter-Lab	63.8353, -4.2234, 19.9119

Details

The CIELCh color **70, 23.155, 92.304** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 23.526, 280.464**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.185, 91.817**, and **50, 23.344, 92.518** is the 20% darker color. If you saturate the color by 10%, you get **68, 30.933, 91.015**, and if you desaturate by 10%, it is **72, 15.409, 93.568**.

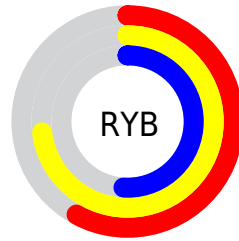
Distribution



Red (73%)

Green (67%)

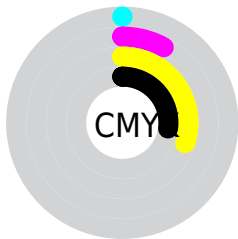
Blue (51%)



Red (58%)

Yellow (73%)

Blue (51%)

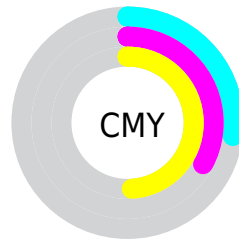


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 23.155, 92.304 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 70, 23.155, 92.304 by changing the saturation by 10% instead.

 70, 23.155, 92.304

 70, 23.155, 92.304

 100, 23.155,
92.304

 60, 23.155, 92.304

 90, 23.155, 92.304

 50, 23.155, 92.304

 40, 23.155, 92.304

 30, 23.155, 92.304

 20, 23.155, 92.304

 10, 23.155, 92.304

 0, 23.155, 92.304

 70, 23.155, 92.304

 70, 23.155, 92.304

 68, 30.933, 91.015

 72, 15.409, 93.568

67, 38.645, 89.688

73, 7.741, 94.780

65, 46.120, 88.323

75, 0.175, 94.924

64, 53.055, 86.901

77, 7.280, 277.149

62, 58.966, 85.377

79, 14.625,
278.225

61, 63.196, 83.665

81, 21.862,
279.258

60, 65.589, 81.774

82, 27.046,
279.047

84, 24.815,
273.712

85, 22.836,
267.444

Harmonies

Complementary

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



70, 23.155, 92.304



60, 23.526, 280.464

Rectangle

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



70, 23.155, 92.304



70, 23.155, 142.304



70, 23.155, 272.304



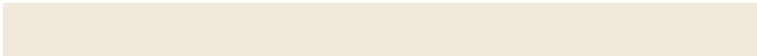
70, 23.155, 322.304

Sweetspot

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



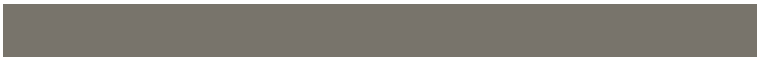
70, 23.156, 92.310



93, 8.379, 94.909



60, 23.954, 0.458



49, 5.826, 94.739



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 23.156, 92.310



87, 34.083, 91.493



73, 30.301, 116.640



38, 4.248, 94.888



51, 57.711, 82.101



7, 10.396, 87.533

Inverse Universe

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



60, 23.526, 280.464



72, 34.802, 281.686



57, 32.369, 301.041



36, 4.274, 277.200



24, 73.501, 299.426



2, 12.461, 280.765

Previews

White Background



This preview shows how the CIELCh color 70, 23.155, 92.304 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 70, 23.155, 92.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

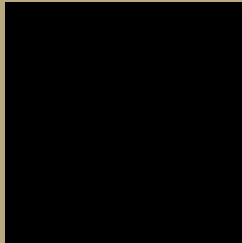
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.155, 92.304

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.155, 92.304.



This preview shows how white text looks on a background with the CIELCh color 70, 23.155, 92.304.

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

70, 23.155, 92.304

Protanopia

70, 23.340, 95.558

Deuteranopia

70, 24.424, 68.841



Tritanopia
70, 12.464, 345.851

Trichromacy



Original Color
70, 23.155, 92.304

Protanomaly
70, 23.436, 94.562

Deuteranomaly
70, 23.213, 76.705

Tritanomaly
70, 9.607, 39.930

Monochromacy



Original Color
70, 23.155, 92.304

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.505, 93.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.155, 92.304 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(185, 170, 129)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 129)  
}
```

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(185, 170, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.155, 92.304 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(185, 170, 129) }
```

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

```
.border{ border-color:rgb(185, 170, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 129);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.155, 92.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 129) }
```

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

```
.background{ background-color: rgb(185,  
170, 129) }
```

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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