

Converting Colors

CIELCh(66, 23.476, 71.038)

Have a look what the booklet for
CIELCh(66, 23.476, 71.038) contains.

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Color

CIELCh(66, 23.468, 70.245)

Conversions

Conversions Part 1

Format	Color
Hex	BC9A79
RGB	188, 154, 121
RGB Percent	74%, 60%, 47%
CMY	0.2615, 0.3949, 0.5244
CMYK	0.00, 0.18, 0.36, 0.26
HSL	30°, 33%, 61%
HSV	30°, 36%, 74%
XYZ	35.8858, 35.3238, 23.1052
YIQ	160.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

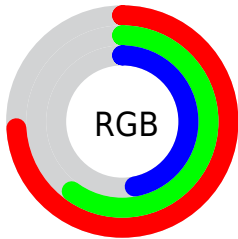
Format	Color
R_YB	188, 186, 121
Decimal	12360313
CIE Lab	66.00, 7.93, 22.09
CIE LCh	66, 23.468, 70.245
Yxy	35.3238, 0.3805, 0.3745
Android (android.graphics.Color)	4290550393 (0xFFBC9A79)
YUV	160.4040, -19.4262, 24.2017
Hunter-Lab	59.4338, 3.7679, 18.5544

Details

The CIELCh color $66, 23.468, 70.245$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $63, 21.145, 260.410$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 23.172, 69.564$, and $46, 23.384, 70.715$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.786, 69.011$, and if you desaturate by 10%, it is $69, 16.470, 71.482$.

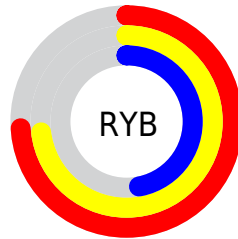
Distribution



Red (74%)

Green (60%)

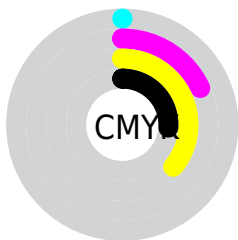
Blue (47%)



Red (74%)

Yellow (73%)

Blue (47%)

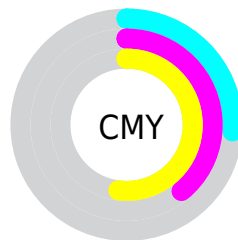


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 23.468, 70.245 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 66, 23.468, 70.245 by changing the saturation by 10% instead.

■ 66, 23.468, 70.245

■ 66, 23.468, 70.245

■ 100, 23.468,
70.245

■ 56, 23.468, 70.245

■ 86, 23.468, 70.245

■ 46, 23.468, 70.245

■ 96, 23.468, 70.245

■ 36, 23.468, 70.245

■ 26, 23.468, 70.245

■ 16, 23.468, 70.245

■ 6, 23.468, 70.245

■ 0, 23.468, 70.245

■ 66, 23.468, 70.245

■ 66, 23.468, 70.245

■ 63, 30.786, 69.011

■ 69, 16.470, 71.482

61, 38.378, 67.756

72, 9.796, 72.694

58, 46.119, 66.455

75, 3.430, 73.838

56, 53.725, 65.030

78, 2.653, 255.263

53, 60.639, 63.306

81, 8.481, 256.327

51, 65.983, 60.974

84, 14.082,
257.430

50, 68.100, 59.928

87, 19.480,
258.502

89, 18.285,
242.687

92, 18.201,
223.318

Harmonies

Complementary

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



66, 23.468, 70.245



63, 21.145, 260.410

Rectangle

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



66, 23.468, 70.245



66, 23.468, 120.245



66, 23.468, 250.245



66, 23.468, 300.245

Sweetspot

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



66, 23.468, 70.251



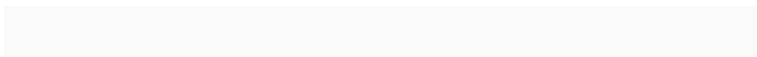
92, 8.461, 73.217



59, 32.110, 346.098



49, 5.701, 73.058



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 23.468, 70.251



81, 35.771, 69.247



75, 34.918, 106.051



38, 3.513, 73.427



42, 59.671, 60.470



6, 10.060, 58.786

Inverse Universe

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



63, 21.145, 260.410



76, 31.384, 262.303



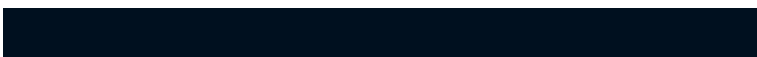
54, 38.048, 294.113



38, 3.434, 255.867



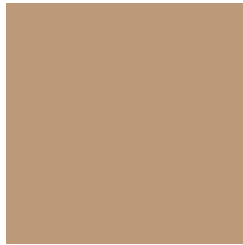
34, 49.196, 282.737



4, 11.467, 267.817

Previews

White Background



This preview shows how the CIELCh color 66, 23.468, 70.245 looks on a white background.

Color Contrast Check

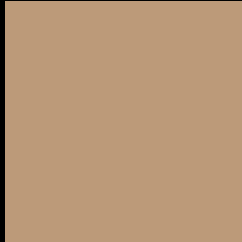
Large Text (above 18pt) WCAG AA × Fail

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 66, 23.468, 70.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

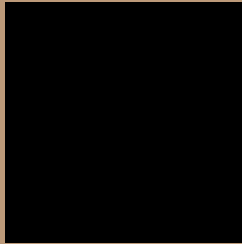
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.468, 70.245

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.468, 70.245.



This preview shows how white text looks on a background with the CIELCh color 66, 23.468, 70.245.

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

66, 23.468, 70.245

Protanopia

66, 20.328, 95.034

Deuteranopia

66, 23.748, 69.450



Tritanopia
66, 17.846, 1.410

Trichromacy



Original Color
66, 23.468, 70.245

Protanomaly
66, 20.921, 85.706

Deuteranomaly
66, 23.748, 69.450

Tritanomaly
66, 16.451, 30.435

Monochromacy



Original Color
66, 23.468, 70.245

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.155, 73.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.468, 70.245 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(188, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 121)  
}
```

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(188, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.468, 70.245 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(188, 154, 121) }
```

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

```
.border{ border-color:rgb(188, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.468, 70.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 121) }
```

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

```
.background{ background-color: rgb(188,  
154, 121) }
```

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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