

Converting Colors

CIELCh(69, 16.324, 91.527)

Have a look what the booklet for
CIELCh(69, 16.324, 91.527) contains.

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Color

CIELCh(69, 16.452, 92.797)

Conversions

Conversions Part 1

Format	Color
Hex	B3A88B
RGB	179, 168, 139
RGB Percent	70%, 66%, 55%
CMY	0.2989, 0.3420, 0.4557
CMYK	0.00, 0.06, 0.22, 0.30
HSL	44°, 21%, 62%
HSV	44°, 22%, 70%
XYZ	37.1504, 39.3444, 29.9844
YIQ	167.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

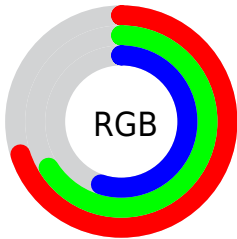
Format	Color
RYB	154, 179, 139
Decimal	11774091
CIELab	69.00, -0.80, 16.43
CIELCh	69, 16.452, 92.797
Yxy	39.3444, 0.3489, 0.3695
Android (android.graphics.Color)	4289964171 (0xFFB3A88B)
YUV	167.9830, -14.2886, 9.6619
Hunter-Lab	62.7251, -4.0482, 15.5652

Details

The CIELCh color $69, 16.452, 92.797$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $62, 16.610, 278.617$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 16.198, 92.531$, and $49, 16.361, 92.365$ is the 20% darker color. If you saturate the color by 10%, you get $67, 23.951, 91.534$, and if you desaturate by 10%, it is $71, 9.031, 94.031$.

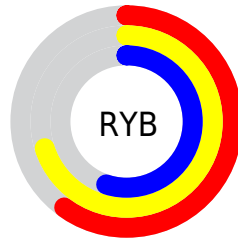
Distribution



Red (70%)

Green (66%)

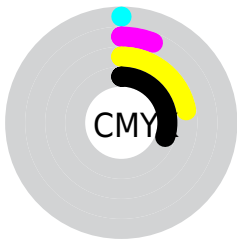
Blue (55%)



Red (60%)

Yellow (70%)

Blue (55%)

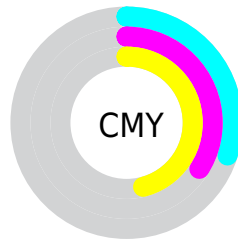


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 16.452, 92.797 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 69, 16.452, 92.797 by changing the saturation by 10% instead.

■ 69, 16.452, 92.797

■ 69, 16.452, 92.797

■ 100, 16.452,
92.797

■ 59, 16.452, 92.797

■ 89, 16.452, 92.797

■ 49, 16.452, 92.797

■ 99, 16.452, 92.797

■ 39, 16.452, 92.797

■ 29, 16.452, 92.797

■ 19, 16.452, 92.797

■ 9, 16.452, 92.797

■ 0, 16.452, 92.797

■ 69, 16.452, 92.797

■ 69, 16.452, 92.797

■ 67, 23.951, 91.534

■ 71, 9.031, 94.031

66, 31.472, 90.229

72, 1.709, 95.137

64, 38.915, 88.889

74, 5.503, 276.429

63, 46.094, 87.507

76, 12.604,
277.511

61, 52.690, 86.058

78, 19.597,
278.557

60, 58.197, 84.487

58, 61.960, 82.694

80, 26.488,
279.555

57, 63.793, 81.187

81, 28.729,
277.769

83, 26.551,
272.702

84, 24.611,
266.837

Harmonies

Complementary

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



69, 16.452, 92.797



62, 16.610, 278.617

Rectangle

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



69, 16.452, 92.797



69, 16.452, 142.797



69, 16.452, 272.797



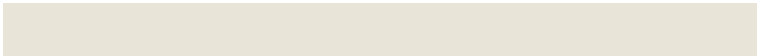
69, 16.452, 322.797

Sweetspot

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



69, 16.453, 92.804



90, 6.290, 94.648



62, 16.991, 359.415



48, 4.122, 94.580



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 16.453, 92.804



86, 24.630, 92.162



71, 21.865, 117.167



37, 4.120, 94.392



50, 56.918, 81.495



6, 8.967, 87.726

Inverse Universe

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



62, 16.610, 278.617



76, 24.928, 279.477



60, 22.919, 300.311



35, 4.142, 276.708



24, 71.810, 299.060



2, 10.643, 279.659

Previews

White Background



This preview shows how the CIELCh color 69, 16.452, 92.797 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 69, 16.452, 92.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

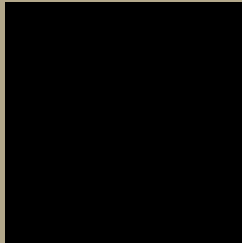
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.452, 92.797

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.452, 92.797.



This preview shows how white text looks on a background with the CIELCh color 69, 16.452, 92.797.

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


69, 16.452, 92.797

Protanopia

69, 16.344, 94.176

Deuteranopia

69, 18.267, 61.063



Tritanopia
69, 10.049, 339.420

Trichromacy



Original Color
69, 16.452, 92.797

Protanomaly
69, 16.344, 94.176

Deuteranomaly
69, 16.724, 71.149

Tritanomaly
69, 6.413, 34.649

Monochromacy



Original Color
69, 16.452, 92.797

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.204, 95.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.452, 92.797 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(179, 168, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 139)  
}
```

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(179, 168, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.452, 92.797 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(179, 168, 139) }
```

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

```
.border{ border-color:rgb(179, 168, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.452, 92.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 139) }
```

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

```
.background{ background-color: rgb(179,  
168, 139) }
```

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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