

Converting Colors

CIELCh(69, 12.501, 92.101)

Have a look what the booklet for
CIELCh(69, 12.501, 92.101) contains.

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Color

CIELCh(69, 12.543, 92.275)

Conversions

Conversions Part 1

Format	Color
Hex	B1A892
RGB	177, 168, 146
RGB Percent	69%, 66%, 57%
CMY	0.3065, 0.3418, 0.4281
CMYK	0.00, 0.05, 0.18, 0.31
HSL	43°, 17%, 63%
HSV	43°, 18%, 69%
XYZ	37.2434, 39.3444, 32.7616
YIQ	168.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

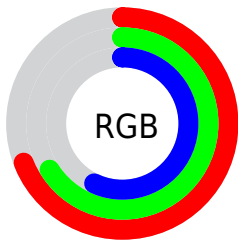
Format	Color
R_{YB}	159, 177, 146
Decimal	11643026
CIE _{Lab}	69.00, -0.50, 12.53
CIE _{LCh}	69, 12.543, 92.275
Yxy	39.3444, 0.3406, 0.3598
Android (android.graphics.Color)	4289833106 (0xFFB1A892)
YUV	168.1830, -10.9362, 7.7325
Hunter-Lab	62.7251, -3.7835, 12.9401

Details

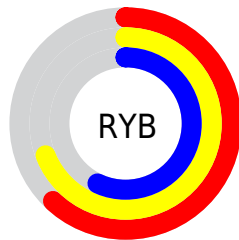
The CIELCh color **69, 12.543, 92.275** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 12.605, 276.783**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 12.492, 91.701**, and **49, 12.747, 92.695** is the 20% darker color. If you saturate the color by 10%, you get **67, 19.851, 91.021**, and if you desaturate by 10%, it is **71, 5.339, 93.491**.

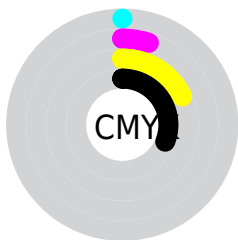
Distribution



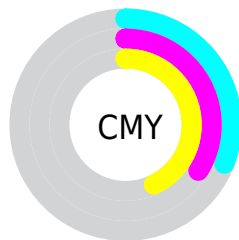
- Red (69%)
- Green (66%)
- Blue (57%)



- Red (62%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 12.543, 92.275 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, 12.543, 92.275 by changing the saturation by 10% instead.

■ 69, 12.543, 92.275

■ 69, 12.543, 92.275

■ 100, 12.543,
92.275

■ 59, 12.543, 92.275

■ 89, 12.543, 92.275

■ 49, 12.543, 92.275

■ 99, 12.543, 92.275

■ 39, 12.543, 92.275

■ 29, 12.543, 92.275

■ 19, 12.543, 92.275

■ 9, 12.543, 92.275

■ 0, 12.543, 92.275

■ 69, 12.543, 92.275

■ 69, 12.543, 92.275

■ 67, 19.851, 91.021

■ 71, 5.339, 93.491

66, 27.227, 89.719

73, 1.751, 274.822

64, 34.601, 88.380

74, 8.723, 275.870

62, 41.844, 87.001

76, 15.580,
276.948

61, 48.716, 85.563

78, 22.328,
277.980

59, 54.817, 84.025

58, 59.550, 82.300

80, 28.973,
278.962

57, 62.424, 80.285

82, 28.158,
275.077

56, 63.068, 79.787

83, 26.012,
269.454

84, 24.152,
262.954

Harmonies

Complementary

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



69, 12.543, 92.275



64, 12.605, 276.783

Rectangle

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



69, 12.543, 92.275



69, 12.543, 142.275



69, 12.543, 272.275



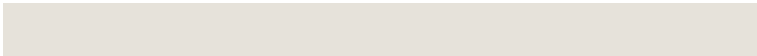
69, 12.543, 322.275

Sweetspot

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



69, 12.544, 92.284



90, 4.372, 93.767



64, 13.172, 357.667



48, 2.982, 93.691



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 12.544, 92.284



86, 18.636, 91.805



71, 16.975, 116.815



37, 4.055, 93.280



49, 56.721, 80.092



6, 8.811, 86.145

Inverse Universe

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



64, 12.605, 276.783



79, 18.742, 277.383



62, 17.612, 299.302



35, 4.072, 275.622



24, 70.258, 298.333



2, 10.507, 278.920

Previews

White Background



This preview shows how the CIELCh color 69, 12.543, 92.275 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, 12.543, 92.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

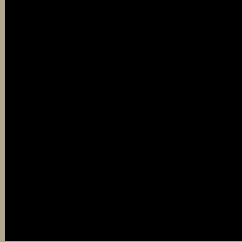
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

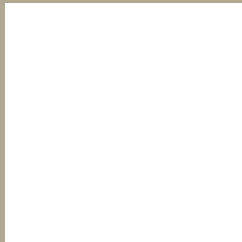
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.543, 92.275

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.543, 92.275.



This preview shows how white text looks on a background with the CIELCh color 69, 12.543, 92.275.

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, 12.543, 92.275

Protanopia

69, 12.543, 92.275

Deuteranopia

69, 14.721, 53.900



Tritanopia
69, 9.876, 334.030

Trichromacy



Original Color
69, 12.543, 92.275

Protanomaly
69, 12.543, 92.275

Deuteranomaly
69, 12.886, 65.840

Tritanomaly
69, 5.382, 19.794

Monochromacy



Original Color
69, 12.543, 92.275

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.516, 94.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.543, 92.275 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(177, 168, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 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(177, 168, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.543, 92.275 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(177, 168, 146) }
```

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

```
.border{ border-color:rgb(177, 168, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.543, 92.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 146) }
```

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

```
.background{ background-color: rgb(177,  
168, 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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