

Converting Colors

CIELCh(69, 4.674, 96.630)

Have a look what the booklet for
CIELCh(69, 4.674, 96.630) contains.

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Color

CIELCh(69, 4.516, 94.880)

Conversions

Conversions Part 1

Format	Color
Hex	ABA8A0
RGB	171, 168, 160
RGB Percent	67%, 66%, 63%
CMY	0.3283, 0.3401, 0.3715
CMYK	0.00, 0.02, 0.06, 0.33
HSL	44°, 6%, 65%
HSV	44°, 6%, 67%
XYZ	37.2781, 39.3444, 39.0133
YIQ	167.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

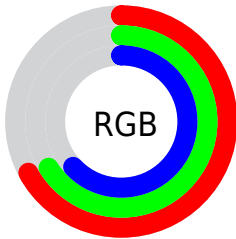
Format	Color
RYB	164, 171, 160
Decimal	11249824
CIELab	69.00, -0.38, 4.50
CIElCh	69, 4.516, 94.880
Yxy	39.3444, 0.3224, 0.3402
Android (android.graphics.Color)	4289439904 (0xFFABA8A0)
YUV	167.9850, -3.9366, 2.6442
Hunter-Lab	62.7251, -3.6846, 7.0308

Details

The CIELCh color **69, 4.516, 94.880** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 4.543, 276.509**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 4.280, 95.042**, and **49, 4.271, 92.691** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.645, 93.719**, and if you desaturate by 10%, it is **71, 2.509, 276.174**.

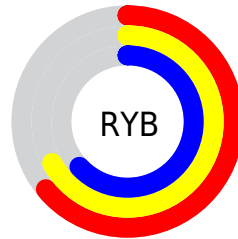
Distribution



Red (67%)

Green (66%)

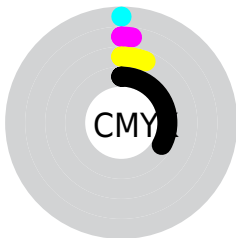
Blue (63%)



Red (64%)

Yellow (67%)

Blue (63%)

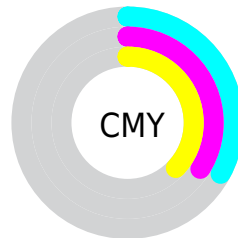


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (33%)



Cyan (33%)

Magenta (34%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 4.516, 94.880 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, 4.516, 94.880 by changing the saturation by 10% instead.

 69, 4.516, 94.880  69, 4.516, 94.880

 100, 4.516, 94.880  59, 4.516, 94.880

 89, 4.516, 94.880  49, 4.516, 94.880

 99, 4.516, 94.880  39, 4.516, 94.880

 29, 4.516, 94.880

 19, 4.516, 94.880

 9, 4.516, 94.880

 0, 4.516, 94.880

 69, 4.516, 94.880  69, 4.516, 94.880

 67, 11.645, 93.719  71, 2.509, 276.174

66, 18.860, 92.480

72, 9.428, 277.238

64, 26.130, 91.202

74, 16.244,
278.297

63, 33.388, 89.891

76, 22.959,
279.310

61, 40.509, 88.543

60, 47.270, 87.148

78, 29.579,
280.274

58, 53.300, 85.672

79, 31.990,
278.960

57, 58.044, 84.046

56, 60.956, 82.169

81, 29.842,
274.729

82, 27.875,
269.914

83, 26.129,
264.459

Harmonies

Complementary

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



69, 4.516, 94.880



67, 4.543, 276.509

Rectangle

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



69, 4.516, 94.880



69, 4.516, 144.880



69, 4.516, 274.880



69, 4.516, 324.880

Sweetspot

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



69, 4.517, 94.901



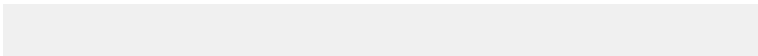
88, 1.723, 95.330



67, 4.564, 357.623



47, 0.987, 95.336



95, 0.011, 296.813



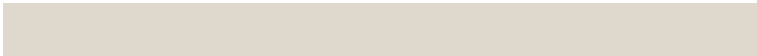
47, 0.006, 296.813

Same Dimension

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



69, 4.517, 94.901



87, 6.955, 94.705



70, 6.082, 118.224



36, 4.032, 94.569



49, 56.261, 81.750



5, 7.758, 89.021

Inverse Universe

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



67, 4.543, 276.509



84, 6.994, 276.721



66, 6.174, 299.059



34, 4.055, 276.871



23, 71.069, 299.124



2, 8.972, 279.037

Previews

White Background



This preview shows how the CIELCh color 69, 4.516, 94.880 looks on a white background.

Color Contrast Check

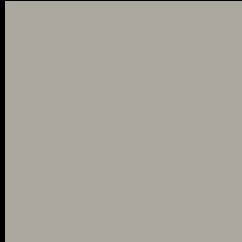
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 4.516, 94.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

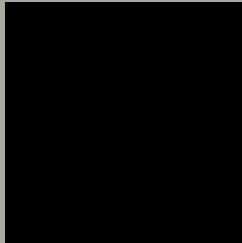
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

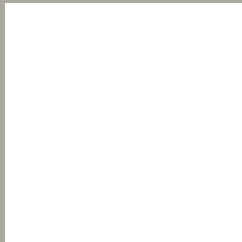
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.516, 94.880

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.516, 94.880.



This preview shows how white text looks on a background with the CIELCh color 69, 4.516, 94.880.

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, 4.516, 94.880

Protanopia

69, 4.769, 85.821

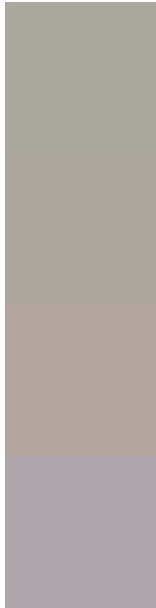
Deuteranopia

69, 9.441, 26.807



Tritanopia
69, 7.773, 313.273

Trichromacy



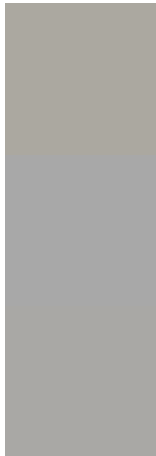
Original Color
69, 4.516, 94.880

Protanomaly
69, 4.628, 90.231

Deuteranomaly
69, 6.587, 39.204

Tritanomaly
69, 3.579, 329.522

Monochromacy



Original Color
69, 4.516, 94.880

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.676, 96.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.516, 94.880 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(171, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 160)  
}
```

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(171, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.516, 94.880 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(171, 168, 160) }
```

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

```
.border{ border-color:rgb(171, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.516, 94.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 160) }
```

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

```
.background{ background-color: rgb(171,  
168, 160) }
```

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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