

Converting Colors

CIELCh(70, 14.701, 89.094)

Have a look what the booklet for
CIELCh(70, 14.701, 89.094) contains.

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Color

CIELCh(70, 14.456, 89.293)

Conversions

Conversions Part 1

Format	Color
Hex	B6AA91
RGB	182, 170, 145
RGB Percent	71%, 67%, 57%
CMY	0.2862, 0.3332, 0.4313
CMYK	0.00, 0.07, 0.20, 0.29
HSL	41°, 20%, 64%
HSV	41°, 20%, 71%
XYZ	38.7870, 40.7494, 32.6169
YIQ	170.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

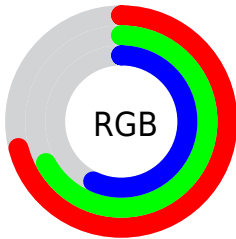
Format	Color
R _Y B	163, 182, 145
Decimal	11971217
CIE Lab	70.00, 0.18, 14.45
CIE LCh	70, 14.456, 89.293
Yxy	40.7494, 0.3458, 0.3633
Android (android.graphics.Color)	4290161297 (0xFFB6AA91)
YUV	170.7380, -12.6888, 9.8768
Hunter-Lab	63.8353, -3.2531, 14.3902

Details

The CIELCh color **70, 14.456, 89.293** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 14.426, 274.706**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.314, 89.036**, and **50, 14.781, 89.311** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.774, 87.999**, and if you desaturate by 10%, it is **72, 7.269, 90.554**.

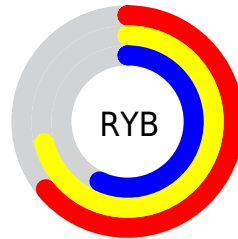
Distribution



Red (71%)

Green (67%)

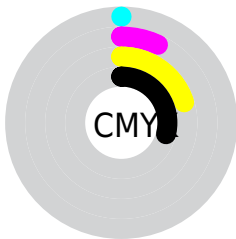
Blue (57%)



Red (64%)

Yellow (71%)

Blue (57%)

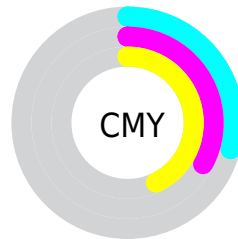


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.456, 89.293 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, 14.456, 89.293 by changing the saturation by 10% instead.

 70, 14.456, 89.293

 70, 14.456, 89.293

 100, 14.456,
89.293

 60, 14.456, 89.293

 90, 14.456, 89.293

 50, 14.456, 89.293

 40, 14.456, 89.293

 30, 14.456, 89.293

 20, 14.456, 89.293

 10, 14.456, 89.293

 0, 14.456, 89.293

 70, 14.456, 89.293

 70, 14.456, 89.293

 68, 21.774, 87.999

 72, 7.269, 90.554

66, 29.184, 86.655

74, 0.220, 90.813

64, 36.613, 85.271

76, 6.687, 273.016

63, 43.914, 83.835

78, 13.460,
274.125

61, 50.814, 82.318

80, 20.106,
275.194

59, 56.852, 80.652

58, 61.358, 78.711

82, 26.635,
276.213

56, 64.119, 76.535

84, 24.518,
269.818

85, 22.413,
261.821

87, 20.814,
252.478

Harmonies

Complementary

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



70, 14.456, 89.293



65, 14.426, 274.706

Rectangle

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



70, 14.456, 89.293



70, 14.456, 139.293



70, 14.456, 269.293



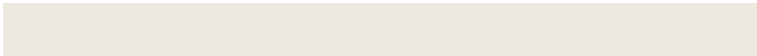
70, 14.456, 319.293

Sweetspot

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



70, 14.457, 89.301



92, 5.209, 91.055



64, 15.965, 355.703



49, 3.486, 90.980



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, 14.457, 89.301



88, 21.248, 88.775



73, 20.067, 115.249



38, 4.011, 90.673



48, 57.115, 76.902



6, 9.768, 81.362

Inverse Universe

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



65, 14.426, 274.706



80, 21.189, 275.390



62, 20.975, 298.362



36, 4.014, 273.078



26, 67.648, 296.616



3, 11.902, 278.182

Previews

White Background



This preview shows how the CIELCh color 70, 14.456, 89.293 looks on a white background.

Color Contrast Check

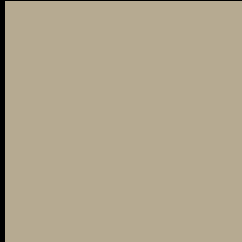
Large Text (above 18pt) WCAG AA × Fail

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, 14.456, 89.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

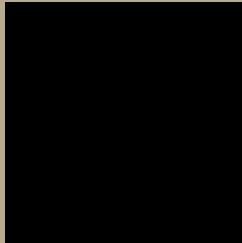
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.456, 89.293

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.456, 89.293.



This preview shows how white text looks on a background with the CIELCh color 70, 14.456, 89.293.

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, 14.456, 89.293

Protanopia

70, 14.606, 94.425

Deuteranopia

70, 16.735, 58.179



Tritanopia
70, 10.665, 338.557

Trichromacy



Original Color
70, 14.456, 89.293

Protanomaly
70, 14.712, 92.899

Deuteranomaly
70, 15.353, 67.790

Tritanomaly
70, 6.964, 24.421

Monochromacy



Original Color
70, 14.456, 89.293

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.131, 92.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.456, 89.293 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(182, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 170, 145)  
}
```

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(182, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 170, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.456, 89.293 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(182, 170, 145) }
```

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

```
.border{ border-color:rgb(182, 170, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 170, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 170,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.456, 89.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 170, 145) }
```

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

```
.background{ background-color: rgb(182,  
170, 145) }
```

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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