

Converting Colors

CIELCh(69, 14.823, 60.233)

Have a look what the booklet for
CIELCh(69, 14.823, 60.233) contains.

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Color

CIELCh(69, 14.737, 58.980)

Conversions

Conversions Part 1

Format	Color
Hex	BFA392
RGB	191, 163, 146
RGB Percent	75%, 64%, 57%
CMY	0.2510, 0.3608, 0.4275
CMYK	0.00, 0.15, 0.24, 0.25
HSL	23°, 26%, 66%
HSV	23°, 24%, 75%
XYZ	39.7697, 39.3444, 32.6910
YIQ	169.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

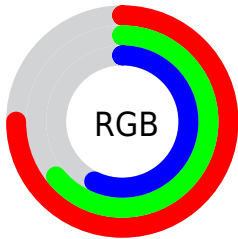
Format	Color
RYB	191, 173, 146
Decimal	12559250
CIELab	69.00, 7.59, 12.63
CIElCh	69, 14.737, 58.980
Yxy	39.3444, 0.3557, 0.3519
Android (android.graphics.Color)	4290749330 (0xFFBFA392)
YUV	169.4340, -11.5530, 18.9134
Hunter-Lab	62.7251, 3.4056, 13.0068

Details

The CIELCh color **69, 14.737, 58.980** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70, 13.187, 244.073**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 14.768, 59.002**, and **49, 14.939, 58.788** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.716, 58.129**, and if you desaturate by 10%, it is **73, 8.204, 59.876**.

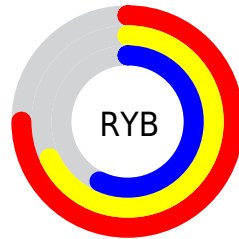
Distribution



Red (75%)

Green (64%)

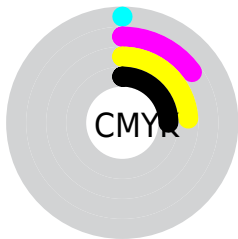
Blue (57%)



Red (75%)

Yellow (68%)

Blue (57%)

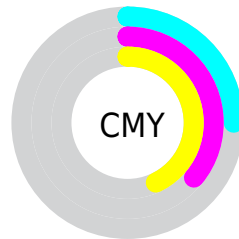


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.737, 58.980 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, 14.737, 58.980 by changing the saturation by 10% instead.

69, 14.737, 58.980

69, 14.737, 58.980

100, 14.737,
58.980

59, 14.737, 58.980

89, 14.737, 58.980

49, 14.737, 58.980

99, 14.737, 58.980

39, 14.737, 58.980

29, 14.737, 58.980

19, 14.737, 58.980

9, 14.737, 58.980

0, 14.737, 58.980

69, 14.737, 58.980

69, 14.737, 58.980

66, 21.716, 58.129

73, 8.204, 59.876

62, 29.164, 57.317

76, 2.082, 60.653

59, 37.072, 56.560

80, 3.669, 241.934

56, 45.368, 55.844

83, 9.092, 242.809

53, 53.850, 55.108

87, 14.224,
243.729

50, 62.058, 54.186

90, 17.376,
237.117

48, 69.083, 52.722

47, 72.952, 51.628

94, 18.342,
212.785

96, 20.806,
198.137

Harmonies

Complementary

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



69, 14.737, 58.980



70, 13.187, 244.073

Rectangle

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



69, 14.737, 58.980



69, 14.737, 108.980



69, 14.737, 238.980



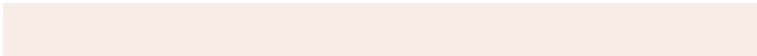
69, 14.737, 288.980

Sweetspot

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



69, 14.737, 58.990



94, 5.115, 60.426



66, 23.144, 338.898



50, 3.357, 60.377



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 14.737, 58.990



85, 21.966, 58.565



75, 21.026, 101.578



38, 3.348, 60.242



39, 63.122, 52.176



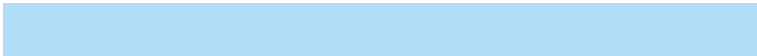
5, 10.116, 47.017

Inverse Universe

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



70, 13.187, 244.073



86, 19.149, 244.846



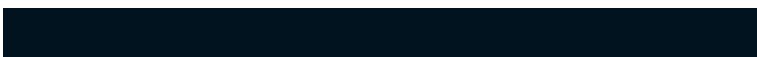
64, 21.833, 287.114



38, 3.218, 242.250



40, 39.095, 268.508



5, 10.255, 256.055

Previews

White Background



This preview shows how the CIELCh color 69, 14.737, 58.980 looks on a white background.

Color Contrast Check

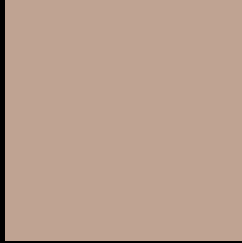
Large Text (above 18pt) WCAG AA × Fail

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, 14.737, 58.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

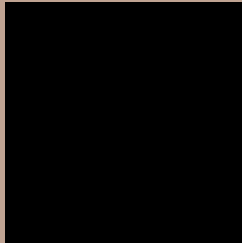
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.737, 58.980

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.737, 58.980.



This preview shows how white text looks on a background with the CIELCh color 69, 14.737, 58.980.

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, 14.737, 58.980

Protanopia

69, 10.852, 92.097

Deuteranopia

69, 15.403, 54.646



Tritanopia
69, 15.165, 352.926

Trichromacy



Original Color
69, 14.737, 58.980

Protanomaly
69, 11.541, 77.863

Deuteranomaly
69, 15.062, 55.521

Tritanomaly
69, 12.984, 13.356

Monochromacy



Original Color
69, 14.737, 58.980

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.061, 59.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.737, 58.980 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(191, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(191, 163, 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(191, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 163, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.737, 58.980 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(191, 163, 146) }
```

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

```
.border{ border-color:rgb(191, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(191, 163,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.737, 58.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 163, 146) }
```

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

```
.background{ background-color: rgb(191,  
163, 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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