

Converting Colors

CIELCh(69, 19.929, 91.804)

Have a look what the booklet for
CIELCh(69, 19.929, 91.804) contains.

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Color

CIELCh(69, 20.357, 92.900)

Conversions

Conversions Part 1

Format	Color
Hex	B5A884
RGB	181, 168, 132
RGB Percent	71%, 66%, 52%
CMY	0.2914, 0.3423, 0.4834
CMYK	0.00, 0.07, 0.27, 0.29
HSL	44°, 25%, 61%
HSV	44°, 27%, 71%
XYZ	37.0812, 39.3444, 27.3692
YIQ	167.7830, 19.3040, -8.4400

Conversions

Conversions Part 2

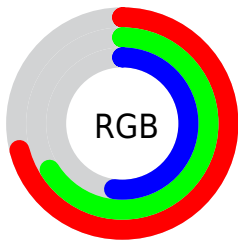
Format	Color
RYB	150, 181, 132
Decimal	11905156
CIELab	69.00, -1.03, 20.33
CIElCh	69, 20.357, 92.900
Yxy	39.3444, 0.3573, 0.3791
Android (android.graphics.Color)	4290095236 (0xFFB5A884)
YUV	167.7830, -17.6410, 11.5913
Hunter-Lab	62.7251, -4.2451, 18.0372

Details

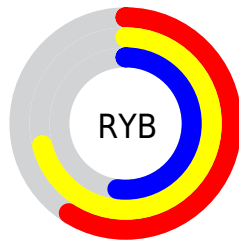
The CIELCh color **69, 20.357, 92.900** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 20.655, 280.072**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.405, 93.214**, and **49, 20.518, 92.222** is the 20% darker color. If you saturate the color by 10%, you get **67, 27.993, 91.628**, and if you desaturate by 10%, it is **71, 12.769, 94.147**.

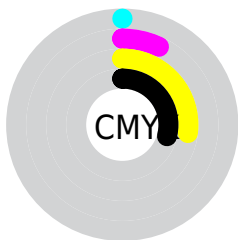
Distribution



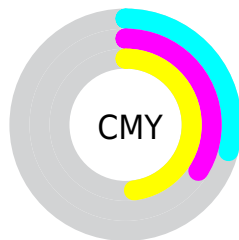
- Red (71%)
- Green (66%)
- Blue (52%)



- Red (59%)
- Yellow (71%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.357, 92.900 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, 20.357, 92.900 by changing the saturation by 10% instead.

■ 69, 20.357, 92.900

■ 69, 20.357, 92.900

■ 100, 20.357,
92.900

■ 59, 20.357, 92.900

■ 89, 20.357, 92.900

■ 49, 20.357, 92.900

■ 99, 20.357, 92.900

■ 39, 20.357, 92.900

■ 29, 20.357, 92.900

■ 19, 20.357, 92.900

■ 9, 20.357, 92.900

■ 0, 20.357, 92.900

■ 69, 20.357, 92.900

■ 69, 20.357, 92.900

■ 67, 27.993, 91.628

■ 71, 12.769, 94.147

66, 35.598, 90.317

72, 5.263, 95.334

64, 43.031, 88.971

74, 2.140, 276.617

63, 50.044, 87.579

76, 9.436, 277.670

62, 56.224, 86.105

78, 16.625,
278.730

60, 60.974, 84.481

79, 23.711,
279.745

59, 63.766, 82.610

81, 29.053,
279.774

59, 64.456, 82.063

82, 26.846,
275.046

84, 24.850,
269.564

Harmonies

Complementary

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



69, 20.357, 92.900



60, 20.655, 280.072

Rectangle

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



69, 20.357, 92.900



69, 20.357, 142.900



69, 20.357, 272.900



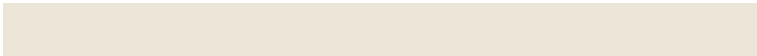
69, 20.357, 322.900

Sweetspot

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



69, 20.358, 92.906



91, 7.333, 95.216



60, 20.815, 1.220



48, 5.214, 95.042



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, 20.358, 92.906



86, 30.738, 92.086



72, 26.729, 117.539



37, 4.161, 95.079



50, 57.063, 82.377



6, 9.071, 88.713

Inverse Universe

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



60, 20.655, 280.072



73, 31.334, 281.251



58, 28.304, 301.309



35, 4.187, 277.378



23, 72.780, 299.500



2, 10.729, 280.117

Previews

White Background



This preview shows how the CIELCh color 69, 20.357, 92.900 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, 20.357, 92.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

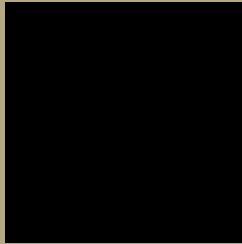
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

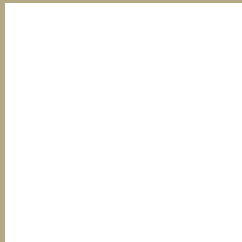
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 20.357, 92.900

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.357, 92.900.



This preview shows how white text looks on a background with the CIELCh color 69, 20.357, 92.900.

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, 20.357, 92.900

Protanopia

69, 20.148, 95.174

Deuteranopia

69, 21.744, 66.444



Tritanopia
69, 11.571, 342.483

Trichromacy



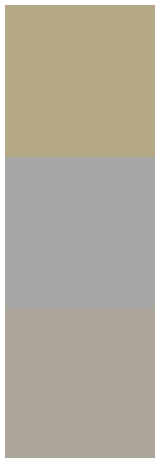
Original Color
69, 20.357, 92.900

Protanomaly
69, 20.248, 94.031

Deuteranomaly
69, 20.436, 75.191

Tritanomaly
69, 8.295, 39.188

Monochromacy



Original Color
69, 20.357, 92.900

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.371, 94.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 20.357, 92.900 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(181, 168, 132)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 132)  
}
```

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(181, 168, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.357, 92.900 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(181, 168, 132) }
```

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

```
.border{ border-color:rgb(181, 168, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 168, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 168, 132); box-shadow:4px 4px 4px 4px rgb(181, 168, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.357, 92.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 132) }
```

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

```
.background{ background-color: rgb(181,  
168, 132) }
```

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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