

Converting Colors

CIELCh(69, 20.905, 93.190)

Have a look what the booklet for
CIELCh(69, 20.905, 93.190) contains.

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Color

CIELCh(69, 20.882, 93.208)

Conversions

Conversions Part 1

Format	Color
Hex	B5A883
RGB	181, 168, 131
RGB Percent	71%, 66%, 51%
CMY	0.2912, 0.3421, 0.4872
CMYK	0.00, 0.07, 0.28, 0.29
HSL	44°, 25%, 61%
HSV	44°, 28%, 71%
XYZ	37.0390, 39.3444, 27.0334
YIQ	167.6690, 19.6250, -8.7510

Conversions

Conversions Part 2

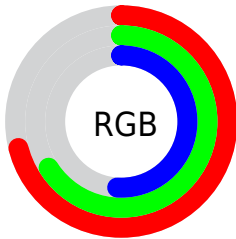
Format	Color
RYB	149, 181, 131
Decimal	11905155
CIELab	69.00, -1.17, 20.85
CIElCh	69, 20.882, 93.208
Yxy	39.3444, 0.3582, 0.3804
Android (android.graphics.Color)	4290095235 (0xFFB5A883)
YUV	167.6690, -18.0778, 11.6913
Hunter-Lab	62.7251, -4.3652, 18.3546

Details

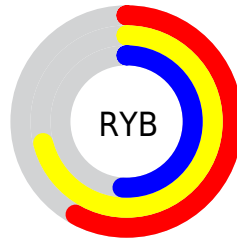
The CIELCh color **69, 20.882, 93.208** is a light color, and the websafe version is hex **999966**. A complement of this color would be **60, 21.226, 280.516**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.905, 93.523**, and **49, 20.954, 93.721** is the 20% darker color. If you saturate the color by 10%, you get **67, 28.549, 91.940**, and if you desaturate by 10%, it is **71, 13.254, 94.452**.

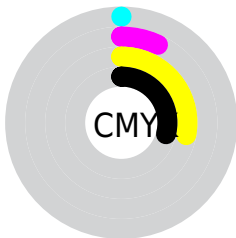
Distribution



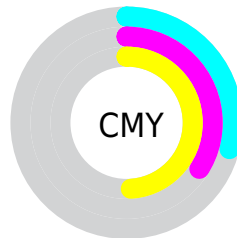
- Red (71%)
- Green (66%)
- Blue (51%)



- Red (58%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (28%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 20.882, 93.208 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, 20.882, 93.208 by changing the saturation by 10% instead.

■ 69, 20.882, 93.208

■ 69, 20.882, 93.208

■ 100, 20.882,
93.208

■ 59, 20.882, 93.208

■ 89, 20.882, 93.208

■ 49, 20.882, 93.208

■ 99, 20.882, 93.208

■ 39, 20.882, 93.208

■ 29, 20.882, 93.208

■ 19, 20.882, 93.208

■ 9, 20.882, 93.208

■ 0, 20.882, 93.208

■ 69, 20.882, 93.208

■ 69, 20.882, 93.208

■ 67, 28.549, 91.940

■ 71, 13.254, 94.452

66, 36.172, 90.633

72, 5.704, 95.639

64, 43.604, 89.294

74, 1.748, 276.935

63, 50.586, 87.908

76, 9.096, 277.969

62, 56.695, 86.444

78, 16.339,
279.028

60, 61.325, 84.831

79, 23.480,
280.042

59, 64.010, 82.983

59, 64.565, 82.548

81, 29.342,
280.355

82, 27.153,
275.816

84, 25.159,
270.564

Harmonies

Complementary

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



69, 20.882, 93.208



60, 21.226, 280.516

Rectangle

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



69, 20.882, 93.208



69, 20.882, 143.208



69, 20.882, 273.208



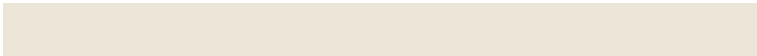
69, 20.882, 323.208

Sweetspot

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



69, 20.883, 93.214



91, 7.373, 95.584



60, 21.260, 1.294



48, 5.242, 95.411



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, 20.883, 93.214



86, 30.885, 92.466



72, 27.266, 117.504



37, 4.184, 95.447



50, 57.149, 82.855



6, 9.129, 89.245

Inverse Universe

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



60, 21.226, 280.516



73, 31.541, 281.596



57, 28.911, 301.358



35, 4.212, 277.736



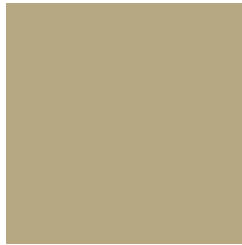
23, 73.304, 299.733



2, 10.777, 280.364

Previews

White Background



This preview shows how the CIELCh color 69, 20.882, 93.208 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, 20.882, 93.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

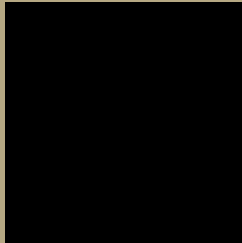
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

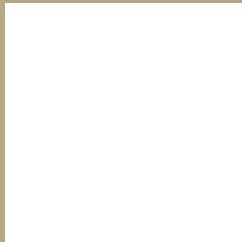
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 20.882, 93.208

Background



This preview shows how black text looks on a background with the CIELCh color 69, 20.882, 93.208.



This preview shows how white text looks on a background with the CIELCh color 69, 20.882, 93.208.

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, 20.882, 93.208

Protanopia

69, 20.775, 94.315

Deuteranopia

69, 22.172, 67.288



Tritanopia
69, 11.571, 342.483

Trichromacy



Original Color
69, 20.882, 93.208

Protanomaly
69, 20.775, 94.315

Deuteranomaly
69, 20.907, 75.908

Tritanomaly
69, 8.295, 39.188

Monochromacy



Original Color
69, 20.882, 93.208

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, 20.882, 93.208 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 20.882, 93.208 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, 131) }
```

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

```
.border{ border-color:rgb(181, 168, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 131);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 20.882, 93.208 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, 131) }
```

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

```
.background{ background-color: rgb(181,  
168, 131) }
```

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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