

Converting Colors

CIELCh(71, 20.649, 108.423)

Have a look what the booklet for
CIELCh(71, 20.649, 108.423)
contains.

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Color

CIELCh(71, 20.546, 108.117)

Conversions

Conversions Part 1

Format	Color
Hex	B0B08A
RGB	176, 176, 138
RGB Percent	69%, 69%, 54%
CMY	0.3093, 0.3093, 0.4583
CMYK	0.00, 0.00, 0.22, 0.31
HSL	60°, 19%, 62%
HSV	60°, 22%, 69%
XYZ	38.0832, 42.1875, 30.2293
YIQ	171.6680, 12.1980, -11.8180

Conversions

Conversions Part 2

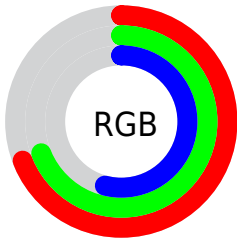
Format	Color
RYB	138, 176, 138
Decimal	11579530
CIELab	71.00, -6.39, 19.53
CIELCh	71, 20.546, 108.117
Yxy	42.1875, 0.3446, 0.3818
Android (android.graphics.Color)	4289769610 (0xFFB0B08A)
YUV	171.6680, -16.5983, 3.7992
Hunter-Lab	64.9519, -9.0061, 17.8721

Details

The CIELCh color **71, 20.546, 108.117** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 21.590, 292.612**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.571, 108.504**, and **51, 20.684, 108.705** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.893, 107.171**, and if you desaturate by 10%, it is **71, 11.060, 109.077**.

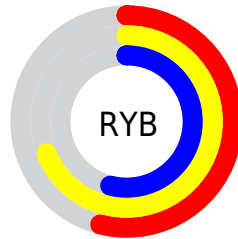
Distribution



Red (69%)

Green (69%)

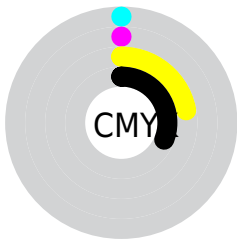
Blue (54%)



Red (54%)

Yellow (69%)

Blue (54%)

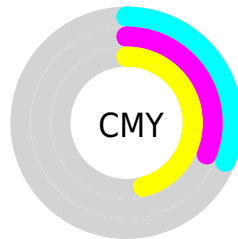


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.546, 108.117 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 71, 20.546, 108.117 by changing the saturation by 10% instead.


 71, 20.546,
108.117


 71, 20.546,
108.117


 100, 20.546,
108.117


 61, 20.546,
108.117


 91, 20.546,
108.117

 51, 20.546,
108.117

 41, 20.546,
108.117

 31, 20.546,
108.117

 21, 20.546,
108.117

 11, 20.546,
108.117

 1, 20.546, 108.117

0, 20.546, 108.117

71, 20.546,
108.117

71, 20.546,
108.117

71, 29.893,
107.171

71, 11.060,
109.077

70, 38.985,
106.244

72, 1.503, 109.994

70, 47.653,
105.367

72, 8.077, 290.970

70, 55.638,
104.570

73, 17.649,
291.869

70, 62.580,
103.889

73, 27.190,
292.736

70, 68.039,
103.364

74, 36.684,
293.565

75, 42.684,

■ 70, 71.624,
103.025

294.071

■ 70, 73.424,
102.856

■ 75, 42.684,
294.071

■ 75, 42.684,
294.072

Harmonies

Complementary

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



71, 20.546, 108.117



59, 21.590, 292.612

Rectangle

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



71, 20.546, 108.117



71, 20.546, 158.117



71, 20.546, 288.117



71, 20.546, 338.117

Sweetspot

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



71, 20.548, 108.122



91, 7.110, 109.594



61, 15.458, 20.958



48, 4.712, 109.536



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 20.548, 108.122



90, 30.625, 107.656



70, 21.997, 128.098



38, 5.471, 109.291



61, 66.185, 102.856



8, 13.294, 110.085

Inverse Universe

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



59, 21.590, 292.612



71, 32.587, 293.289



60, 22.648, 310.069



34, 5.590, 291.133



17, 91.390, 306.287



1, 13.317, 290.180

Previews

White Background



This preview shows how the CIELCh color 71, 20.546, 108.117 looks on a white background.

Color Contrast Check

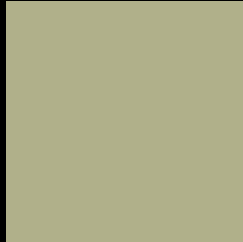
Large Text (above 18pt) WCAG AA × Fail

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 71, 20.546, 108.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

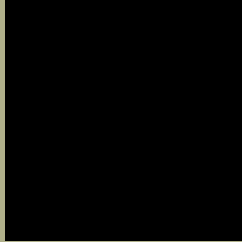
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

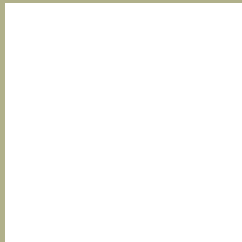
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 20.546, 108.117

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.546, 108.117.



This preview shows how white text looks on a background with the CIELCh color 71, 20.546, 108.117.

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
71, 20.546, 108.117

Protanopia
71, 20.139, 94.115

Deuteranopia
71, 20.761, 64.725



Tritanopia
71, 8.426, 322.682

Trichromacy



Original Color
71, 20.546, 108.117

Protanomaly
71, 20.307, 98.921

Deuteranomaly
71, 19.390, 79.370

Tritanomaly
71, 4.083, 61.232

Monochromacy



Original Color
71, 20.546, 108.117

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.613, 109.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.546, 108.117 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(176, 176, 138)` looks like.

```
.text, #text, p{  
    color:rgb(176, 176, 138)  
}
```

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(176, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 176, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.546, 108.117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

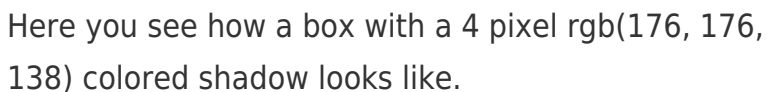
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 176, 138) }
```

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

```
.border{ border-color:rgb(176, 176, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 176, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 176, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 176, 138); box-shadow:4px 4px 4px 4px rgb(176, 176, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.546, 108.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 176, 138) }
```

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

```
.background{ background-color: rgb(176,  
176, 138) }
```

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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