

Converting Colors

CIELCh(71, 9.986, 88.116)

Have a look what the booklet for
CIELCh(71, 9.986, 88.116) contains.

CIELCh(71, 9.887, 88.287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 9.887, 88.287)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD9C
RGB	182, 173, 156
RGB Percent	71%, 68%, 61%
CMY	0.2866, 0.3219, 0.3885
CMYK	0.00, 0.05, 0.14, 0.29
HSL	39°, 15%, 66%
HSV	39°, 14%, 71%
XYZ	40.1928, 42.1875, 37.4409
YIQ	173.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

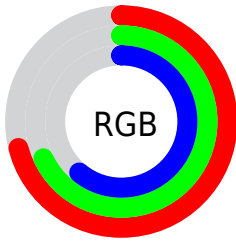
Format	Color
RYB	170, 182, 156
Decimal	11971996
CIELab	71.00, 0.30, 9.88
CIELCh	71, 9.887, 88.287
Yxy	42.1875, 0.3354, 0.3521
Android (android.graphics.Color)	4290162076 (0xFFB6AD9C)
YUV	173.7530, -8.7522, 7.2326
Hunter-Lab	64.9519, -3.2084, 11.2892

Details

The CIELCh color $71, 9.887, 88.287$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.845, 272.049$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 9.993, 87.657$, and $51, 9.880, 88.857$ is the 20% darker color. If you saturate the color by 10%, you get $69, 17.002, 87.013$, and if you desaturate by 10%, it is $73, 2.929, 89.496$.

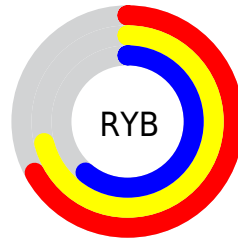
Distribution



Red (71%)

Green (68%)

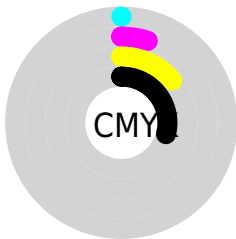
Blue (61%)



Red (67%)

Yellow (71%)

Blue (61%)

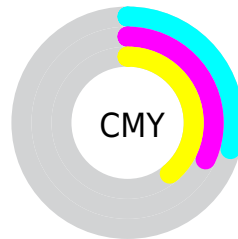


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.887, 88.287 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, 9.887, 88.287 by changing the saturation by 10% instead.

■ 71, 9.887, 88.287

■ 71, 9.887, 88.287

■ 100, 9.887, 88.287

■ 61, 9.887, 88.287

■ 91, 9.887, 88.287

■ 51, 9.887, 88.287

■ 41, 9.887, 88.287

■ 31, 9.887, 88.287

■ 21, 9.887, 88.287

■ 11, 9.887, 88.287

■ 1, 9.887, 88.287

■ 0, 9.887, 88.287

■ 71, 9.887, 88.287

■ 71, 9.887, 88.287

69, 17.002, 87.013

73, 2.929, 89.496

67, 24.256, 85.681

75, 3.874, 270.843

65, 31.608, 84.309

77, 10.528,
271.964

63, 38.967, 82.892

80, 17.043,
273.062

61, 46.155, 81.411

59, 52.843, 79.818

82, 23.430,
274.114

58, 58.484, 78.015

84, 24.786,
270.546

56, 62.353, 75.830

55, 64.019, 74.484

85, 22.509,
262.124

87, 20.803,
252.178

89, 19.798,
240.960

Harmonies

Complementary

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



71, 9.887, 88.287



68, 9.845, 272.049

Rectangle

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



71, 9.887, 88.287



71, 9.887, 138.287



71, 9.887, 268.287



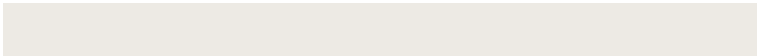
71, 9.887, 318.287

Sweetspot

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



71, 9.888, 88.299



93, 3.387, 89.519



67, 11.202, 353.915



50, 2.429, 89.440



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 9.888, 88.299



89, 14.643, 87.919



73, 14.105, 115.009



38, 3.926, 88.912



48, 57.035, 74.875



6, 9.568, 78.895

Inverse Universe

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



68, 9.845, 272.049



84, 14.556, 272.506



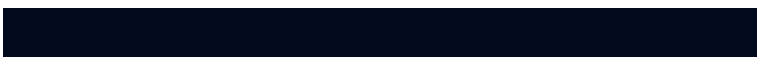
65, 14.550, 297.207



36, 3.920, 271.347



27, 65.332, 295.372



3, 11.692, 277.120

Previews

White Background



This preview shows how the CIELCh color 71, 9.887, 88.287 looks on a white background.

Color Contrast Check

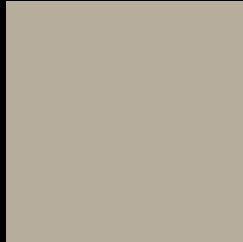
Large Text (above 18pt) WCAG AA × Fail

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, 9.887, 88.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

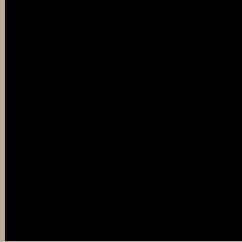
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

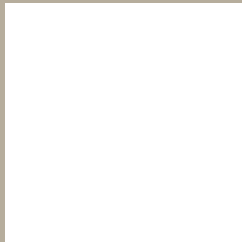
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.887, 88.287

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.887, 88.287.



This preview shows how white text looks on a background with the CIELCh color 71, 9.887, 88.287.

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, 9.887, 88.287

Protanopia

71, 9.753, 90.459

Deuteranopia

71, 13.026, 47.413



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 9.887, 88.287

Protanomaly
71, 9.753, 90.459

Deuteranomaly
71, 11.241, 58.711

Tritanomaly
71, 5.942, 3.915

Monochromacy



Original Color
71, 9.887, 88.287

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.962, 92.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.887, 88.287 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, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 156)  
}
```

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, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.887, 88.287 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, 173, 156) }
```

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

```
.border{ border-color:rgb(182, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.887, 88.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 156) }
```

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

```
.background{ background-color: rgb(182,  
173, 156) }
```

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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