

Converting Colors

CIELCh(71, 7.258, 29.909)

Have a look what the booklet for
CIELCh(71, 7.258, 29.909) contains.

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Color

CIELCh(71, 7.136, 33.097)

Conversions

Conversions Part 1

Format	Color
Hex	BCAAA7
RGB	188, 170, 167
RGB Percent	74%, 67%, 65%
CMY	0.2631, 0.3336, 0.3454
CMYK	0.00, 0.10, 0.11, 0.26
HSL	9°, 14%, 70%
HSV	9°, 11%, 74%
XYZ	42.0464, 42.1875, 42.4473
YIQ	175.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

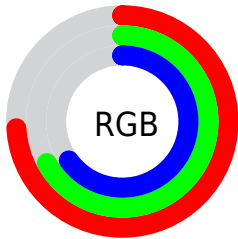
Format	Color
RYB	188, 171, 167
Decimal	12364455
CIELab	71.00, 5.98, 3.90
CIELCh	71, 7.136, 33.097
Yxy	42.1875, 0.3319, 0.3330
Android (android.graphics.Color)	4290554535 (0xFFBCAAA7)
YUV	175.0400, -3.9637, 11.3659
Hunter-Lab	64.9519, 1.8855, 6.7192

Details

The CIELCh color $71, 7.136, 33.097$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.640, 213.199$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.094, 32.383$, and $51, 7.282, 33.895$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.092, 33.364$, and if you desaturate by 10%, it is $76, 0.719, 32.365$.

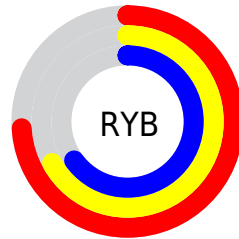
Distribution



Red (74%)

Green (67%)

Blue (65%)



Red (74%)

Yellow (67%)

Blue (65%)

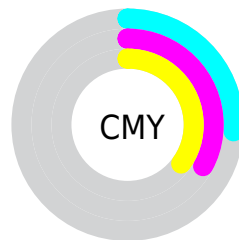


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.136, 33.097 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, 7.136, 33.097 by changing the saturation by 10% instead.

 71, 7.136, 33.097

 71, 7.136, 33.097

 100, 7.136, 33.097

 61, 7.136, 33.097

 91, 7.136, 33.097

 51, 7.136, 33.097

 41, 7.136, 33.097

 31, 7.136, 33.097

 21, 7.136, 33.097

 11, 7.136, 33.097

 1, 7.136, 33.097

 0, 7.136, 33.097

 71, 7.136, 33.097

 71, 7.136, 33.097

66, 14.092, 33.364

76, 0.719, 32.365

62, 21.627, 33.754

80, 5.204, 213.207

58, 29.754, 34.350

85, 10.684,
213.231

54, 38.445, 35.205

90, 15.774,
213.343

50, 47.614, 36.364

47, 57.066, 37.833

95, 20.285,
204.858

44, 66.402, 39.502

96, 21.710,
198.080

42, 74.755, 40.972

40, 80.614, 41.977

Harmonies

Complementary

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



71, 7.136, 33.097



74, 6.640, 213.199

Rectangle

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



71, 7.136, 33.097



71, 7.136, 83.097



71, 7.136, 213.097



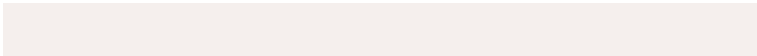
71, 7.136, 263.097

Sweetspot

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



71, 7.135, 33.114



95, 2.296, 32.828



71, 12.685, 328.939



50, 1.746, 32.892



98, 0.011, 296.813



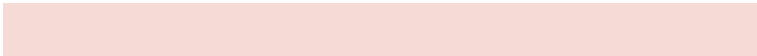
51, 0.007, 296.813

Same Dimension

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



71, 7.135, 33.114



89, 10.377, 33.158



74, 7.756, 86.940



37, 3.604, 33.074



34, 70.523, 42.089



3, 11.155, 28.506

Inverse Universe

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



74, 6.640, 213.199



93, 9.523, 213.207



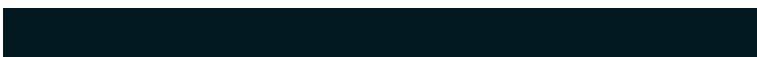
71, 7.714, 269.886



39, 3.395, 213.201



52, 30.553, 222.798



8, 9.797, 218.472

Previews

White Background



This preview shows how the CIELCh color 71, 7.136, 33.097 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, 7.136, 33.097 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, 7.136, 33.097

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.136, 33.097.



This preview shows how white text looks on a background with the CIELCh color 71, 7.136, 33.097.

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, 7.136, 33.097

Protanopia

71, 2.875, 68.481

Deuteranopia

71, 9.708, 23.398



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 7.136, 33.097

Protanomaly
71, 4.393, 49.233

Deuteranomaly
71, 8.585, 27.329

Tritanomaly
71, 8.503, 353.527

Monochromacy



Original Color
71, 7.136, 33.097

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.702, 31.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.136, 33.097 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(188, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 167)  
}
```

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(188, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.136, 33.097 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(188, 170, 167) }
```

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

```
.border{ border-color:rgb(188, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.136, 33.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 167) }
```

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

```
.background{ background-color: rgb(188,  
170, 167) }
```

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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