

Converting Colors

CIELCh(71, 32.963, 86.589)

Have a look what the booklet for
CIELCh(71, 32.963, 86.589) contains.

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Color

CIELCh(71, 32.998, 86.562)

Conversions

Conversions Part 1

Format	Color
Hex	C6AB72
RGB	198, 171, 114
RGB Percent	78%, 67%, 45%
CMY	0.2247, 0.3305, 0.5540
CMYK	0.00, 0.14, 0.42, 0.22
HSL	41°, 42%, 61%
HSV	41°, 42%, 78%
XYZ	40.7361, 42.1875, 21.8329
YIQ	172.5750, 34.3890, -12.0030

Conversions

Conversions Part 2

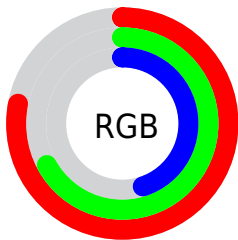
Format	Color
RYB	154, 198, 114
Decimal	13020018
CIELab	71.00, 1.98, 32.94
CIELCh	71, 32.998, 86.562
Yxy	42.1875, 0.3889, 0.4027
Android (android.graphics.Color)	4291210098 (0xFFC6AB72)
YUV	172.5750, -28.8775, 22.2977
Hunter-Lab	64.9519, -1.7154, 25.5366

Details

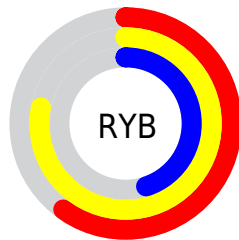
The CIELCh color **71, 32.998, 86.562** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 32.994, 279.276**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 32.574, 86.914**, and **51, 32.985, 86.163** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.936, 85.166**, and if you desaturate by 10%, it is **73, 25.047, 87.925**.

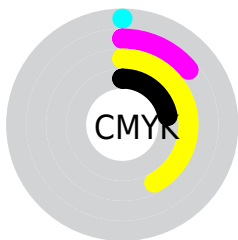
Distribution



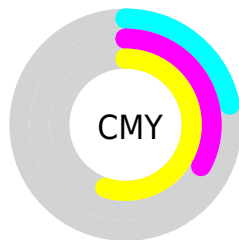
- Red (78%)
- Green (67%)
- Blue (45%)



- Red (60%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.998, 86.562 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, 32.998, 86.562 by changing the saturation by 10% instead.

■ 71, 32.998, 86.562

■ 71, 32.998, 86.562

■ 100, 32.998,
86.562

■ 61, 32.998, 86.562

■ 91, 32.998, 86.562

■ 51, 32.998, 86.562

■ 41, 32.998, 86.562

■ 31, 32.998, 86.562

■ 21, 32.998, 86.562

■ 11, 32.998, 86.562

■ 1, 32.998, 86.562

■ 0, 32.998, 86.562

■ 71, 32.998, 86.562

■ 71, 32.998, 86.562

69, 40.936, 85.166

73, 25.047, 87.925

67, 48.672, 83.708

75, 17.178, 89.243

65, 55.868, 82.157

77, 9.439, 90.514

64, 61.961, 80.432

79, 1.846, 91.652

62, 66.195, 78.389

81, 5.597, 273.009

61, 68.194, 76.639

84, 12.894,
274.127

86, 20.055,
275.209

88, 18.921,
267.352

89, 16.959,
255.744

Harmonies

Complementary

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



71, 32.998, 86.562



59, 32.994, 279.276

Rectangle

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



71, 32.998, 86.562



71, 32.998, 136.562



71, 32.998, 266.562



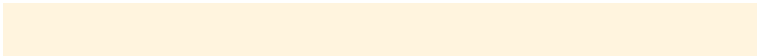
71, 32.998, 316.562

Sweetspot

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



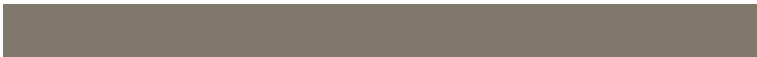
71, 32.999, 86.567



97, 12.105, 90.424



58, 36.496, 358.825



51, 8.490, 90.143



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 32.999, 86.567



87, 48.913, 85.266



77, 44.095, 113.669



41, 4.298, 90.893



51, 59.177, 77.059



9, 14.115, 80.087

Inverse Universe

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



59, 32.994, 279.276



69, 49.161, 281.577



53, 48.925, 300.815



39, 4.303, 273.318



27, 70.690, 296.920



3, 16.831, 281.483

Previews

White Background



This preview shows how the CIELCh color 71, 32.998, 86.562 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, 32.998, 86.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

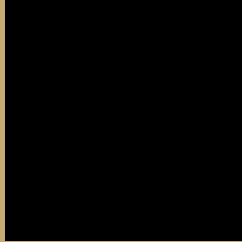
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.998, 86.562

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.998, 86.562.



This preview shows how white text looks on a background with the CIELCh color 71, 32.998, 86.562.

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, 32.998, 86.562

Protanopia

71, 32.393, 95.643

Deuteranopia

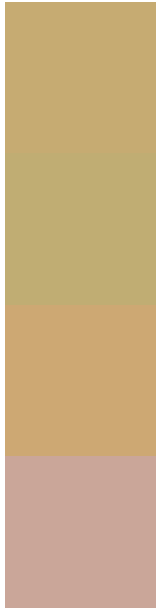
71, 33.671, 74.013



Tritanopia

71, 17.184, 356.804

Trichromacy



Original Color
71, 32.998, 86.562

Protanomaly
71, 32.322, 92.538

Deuteranomaly
71, 33.088, 78.562

Tritanomaly
71, 16.189, 46.182

Monochromacy



Original Color
71, 32.998, 86.562

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 11.965, 91.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.998, 86.562 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(198, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(198, 171, 114)  
}
```

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(198, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 171, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.998, 86.562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

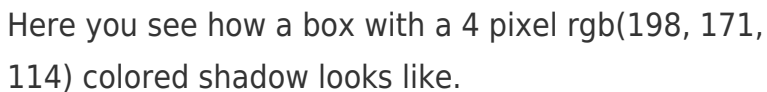
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 171, 114) }
```

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

```
.border{ border-color:rgb(198, 171, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(198, 171,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.998, 86.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 171, 114) }
```

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

```
.background{ background-color: rgb(198,  
171, 114) }
```

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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