

Converting Colors

CIELCh(71, 11.538, 42.278)

Have a look what the booklet for
CIELCh(71, 11.538, 42.278) contains.

CIELCh(71, 11.522, 42.280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 11.522, 42.280)

Conversions

Conversions Part 1

Format	Color
Hex	C3A8A0
RGB	195, 168, 160
RGB Percent	76%, 66%, 63%
CMY	0.2350, 0.3409, 0.3722
CMYK	0.00, 0.14, 0.18, 0.23
HSL	14°, 23%, 70%
HSV	14°, 18%, 77%
XYZ	42.8952, 42.1875, 39.1754
YIQ	175.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

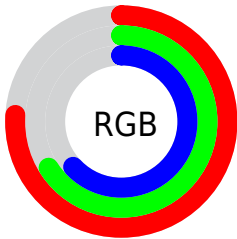
Format	Color
RYB	195, 170, 160
Decimal	12822688
CIELab	71.00, 8.52, 7.75
CIELCh	71, 11.522, 42.280
Yxy	42.1875, 0.3452, 0.3395
Android (android.graphics.Color)	4291012768 (0xFFC3A8A0)
YUV	175.1610, -7.4744, 17.3988
Hunter-Lab	64.9519, 4.2182, 9.7059

Details

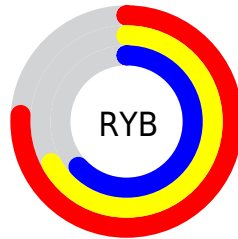
The CIELCh color $71, 11.522, 42.280$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 10.287, 223.781$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.535, 40.961$, and $51, 11.433, 41.154$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.693, 42.160$, and if you desaturate by 10%, it is $75, 4.898, 42.486$.

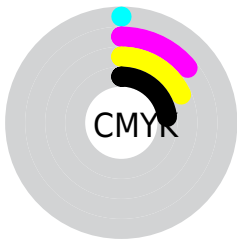
Distribution



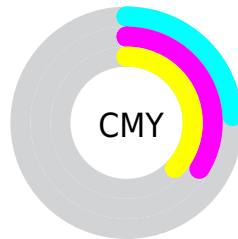
- Red (76%)
- Green (66%)
- Blue (63%)



- Red (76%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (23%)



- Cyan (24%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 11.522, 42.280 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, 11.522, 42.280 by changing the saturation by 10% instead.

■ 71, 11.522, 42.280

■ 71, 11.522, 42.280

■ 100, 11.522,
42.280

■ 61, 11.522, 42.280

■ 91, 11.522, 42.280

■ 51, 11.522, 42.280

■ 41, 11.522, 42.280

■ 31, 11.522, 42.280

■ 21, 11.522, 42.280

■ 11, 11.522, 42.280

■ 1, 11.522, 42.280

■ 0, 11.522, 42.280

■ 71, 11.522, 42.280

■ 71, 11.522, 42.280

67, 18.693, 42.160

75, 4.898, 42.486

63, 26.451, 42.157

80, 1.224, 223.359

59, 34.804, 42.320

84, 6.896, 223.401

55, 43.718, 42.675

89, 12.170,
223.802

52, 53.072, 43.220

93, 16.679,
219.811

49, 62.567, 43.874

46, 71.526, 44.373

96, 19.590,
198.213

44, 78.776, 44.273

43, 80.208, 44.351

Harmonies

Complementary

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



71, 11.522, 42.280



74, 10.287, 223.781

Rectangle

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



71, 11.522, 42.280



71, 11.522, 92.280



71, 11.522, 222.280



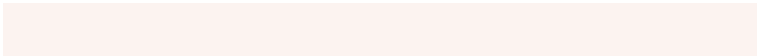
71, 11.522, 272.280

Sweetspot

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



71, 11.521, 42.292



96, 3.758, 42.513



70, 19.868, 332.246



52, 2.592, 42.512



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, 11.521, 42.292



87, 17.732, 42.221



75, 14.010, 92.723



39, 3.497, 42.461



36, 69.089, 44.734



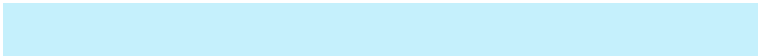
4, 12.244, 33.859

Inverse Universe

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



74, 10.287, 223.781



92, 15.350, 224.076



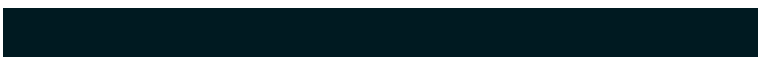
70, 14.097, 277.351



40, 3.306, 223.339



48, 31.648, 241.249



8, 10.338, 232.732

Previews

White Background



This preview shows how the CIELCh color 71, 11.522, 42.280 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, 11.522, 42.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

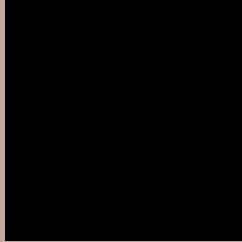
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.522, 42.280

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.522, 42.280.



This preview shows how white text looks on a background with the CIELCh color 71, 11.522, 42.280.

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, 11.522, 42.280

Protanopia

71, 6.060, 83.107

Deuteranopia

71, 11.898, 41.574



Tritanopia
71, 14.062, 350.522

Trichromacy



Original Color
71, 11.522, 42.280

Protanomaly
71, 7.320, 61.567

Deuteranomaly
71, 11.898, 41.574

Tritanomaly
71, 11.865, 7.245

Monochromacy



Original Color
71, 11.522, 42.280

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.958, 35.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.522, 42.280 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(195, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 160)  
}
```

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(195, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.522, 42.280 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(195, 168, 160) }
```

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

```
.border{ border-color:rgb(195, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.522, 42.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 160) }
```

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

```
.background{ background-color: rgb(195,  
168, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor