

Converting Colors

CIELCh(71, 28.947, 353.956)

Have a look what the booklet for
CIELCh(71, 28.947, 353.956)
contains.

CIELCh(71, 28.758, 354.302)	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, 28.758, 354.302)

Conversions

Conversions Part 1

Format	Color
Hex	DE9BB4
RGB	222, 155, 180
RGB Percent	87%, 61%, 71%
CMY	0.1300, 0.3927, 0.2947
CMYK	0.00, 0.30, 0.19, 0.13
HSL	338°, 50%, 74%
HSV	338°, 30%, 87%
XYZ	49.9958, 42.1875, 48.6084
YIQ	177.8830, 31.9070, 21.9790

Conversions

Conversions Part 2

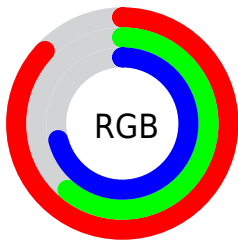
Format	Color
R_{YB}	222, 155, 180
Decimal	14588852
CIE _{Lab}	71.00, 28.62, -2.86
CIE _{LCh}	71, 28.758, 354.302
Yxy	42.1875, 0.3551, 0.2996
Android (android.graphics.Color)	4292778932 (0xFFDE9BB4)
YUV	177.8830, 1.0437, 38.6906
Hunter-Lab	64.9519, 23.7319, 1.0952

Details

The CIELCh color **71, 28.758, 354.302** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 26.889, 168.117**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 21.045, 341.094**, and **51, 28.777, 354.763** is the 20% darker color. If you saturate the color by 10%, you get **66, 38.490, 355.744**, and if you desaturate by 10%, it is **77, 19.011, 353.076**.

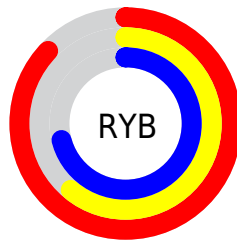
Distribution



Red (87%)

Green (61%)

Blue (71%)



Red (87%)

Yellow (61%)

Blue (71%)

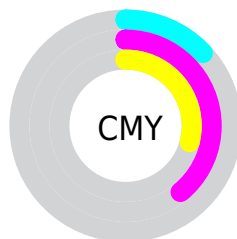


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (13%)



Cyan (13%)


Magenta (39%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 28.758, 354.302 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, 28.758, 354.302 by changing the saturation by 10% instead.


 71, 28.758,
354.302


 71, 28.758,
354.302


 100, 28.758,
354.302


 61, 28.758,
354.302


 91, 28.758,
354.302

 51, 28.758,
354.302

 41, 28.758,
354.302

 31, 28.758,
354.302

 21, 28.758,
354.302

 11, 28.758,
354.302

 1, 28.758, 354.302

0, 28.758, 354.302

71, 28.758,
354.302

71, 28.758,
354.302

66, 38.490,
355.744

77, 19.011,
353.076

61, 47.916,
357.476

82, 9.449, 351.994

56, 56.624,
359.607

88, 0.184, 348.454

94, 8.733, 170.343

53, 64.141, 2.285

98, 11.731,
184.529

50, 70.043, 5.687

98, 11.204,
198.758

48, 74.164, 9.980

47, 76.950, 14.983

Harmonies

Complementary

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



71, 28.758, 354.302



84, 26.889, 168.117

Rectangle

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



71, 28.758, 354.302



71, 28.758, 44.302



71, 28.758, 174.302



71, 28.758, 224.302

Sweetspot

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



71, 28.755, 354.304



94, 9.322, 351.877



70, 39.434, 314.361



49, 6.494, 352.030



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, 28.755, 354.304



77, 38.547, 355.151



72, 24.392, 31.329



43, 5.206, 351.914



37, 63.843, 13.989



6, 24.158, 2.846

Inverse Universe

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



71, 28.755, 354.304



77, 38.547, 355.151



82, 19.656, 210.369



43, 5.206, 351.914



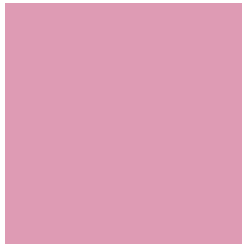
37, 63.843, 13.989



6, 24.158, 2.846

Previews

White Background



This preview shows how the CIELCh color 71, 28.758, 354.302 looks on a white background.

Color Contrast Check

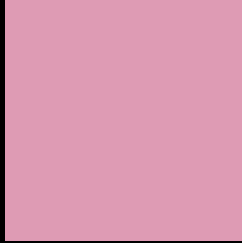
Large Text (above 18pt) WCAG AA × Fail

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, 28.758, 354.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

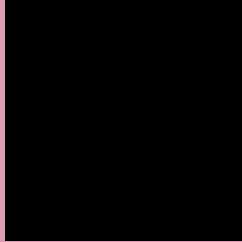
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 28.758, 354.302

Background



This preview shows how black text looks on a background with the CIELCh color 71, 28.758, 354.302.



This preview shows how white text looks on a background with the CIELCh color 71, 28.758, 354.302.

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, 28.758, 354.302

Protanopia
71, 9.833, 289.056

Deuteranopia
71, 8.751, 350.326



Tritanopia
71, 25.751, 7.397

Trichromacy



Original Color
71, 28.758, 354.302

Protanomaly
71, 14.564, 328.762

Deuteranomaly
71, 15.996, 352.522

Tritanomaly
71, 26.678, 1.962

Monochromacy



Original Color
71, 28.758, 354.302

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.329, 352.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 28.758, 354.302 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(222, 155, 180)` looks like.

```
.text, #text, p{  
    color:rgb(222, 155, 180)  
}
```

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(222, 155, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 155, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 28.758, 354.302 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(222, 155, 180) }
```

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

```
.border{ border-color:rgb(222, 155, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 155, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 155, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 155, 180);  
box-shadow:4px 4px 4px 4px rgb(222, 155,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 28.758, 354.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 155, 180) }
```

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

```
.background{ background-color: rgb(222,  
155, 180) }
```

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