

Converting Colors

CIELCh(71, 18.303, 355.793)

Have a look what the booklet for
CIELCh(71, 18.303, 355.793)
contains.

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Color

CIELCh(71, 18.655, 355.333)

Conversions

Conversions Part 1

Format	Color
Hex	CEA2B1
RGB	206, 162, 177
RGB Percent	81%, 64%, 69%
CMY	0.1918, 0.3643, 0.3055
CMYK	0.00, 0.21, 0.14, 0.19
HSL	340°, 31%, 72%
HSV	340°, 21%, 81%
XYZ	46.3629, 42.1875, 47.3436
YIQ	176.8660, 21.4090, 13.9930

Conversions

Conversions Part 2

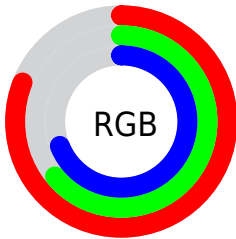
Format	Color
R_{YB}	206, 162, 177
Decimal	13542065
CIE Lab	71.00, 18.59, -1.52
CIE LCh	71, 18.655, 355.333
Yxy	42.1875, 0.3412, 0.3104
Android (android.graphics.Color)	4291732145 (0xFFCEA2B1)
YUV	176.8660, 0.0661, 25.5505
Hunter-Lab	64.9519, 13.7482, 2.2497

Details

The CIELCh color $71, 18.655, 355.333$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 17.688, 171.178$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.022, 349.496$, and $51, 18.551, 355.932$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.743, 356.615$, and if you desaturate by 10%, it is $76, 9.751, 354.221$.

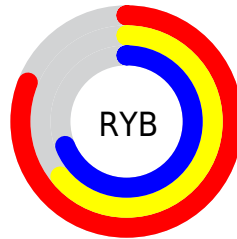
Distribution



Red (81%)

Green (64%)

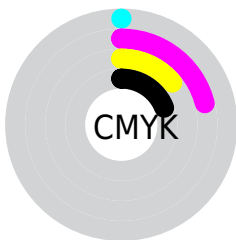
Blue (69%)



Red (81%)

Yellow (64%)

Blue (69%)

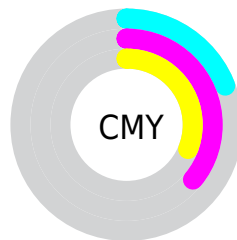


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 18.655, 355.333 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, 18.655, 355.333 by changing the saturation by 10% instead.


 71, 18.655,
355.333


 71, 18.655,
355.333


 100, 18.655,
355.333


 61, 18.655,
355.333


 91, 18.655,
355.333

 51, 18.655,
355.333

 41, 18.655,
355.333

 31, 18.655,
355.333

 21, 18.655,
355.333

 11, 18.655,
355.333

 1, 18.655, 355.333

0, 18.655, 355.333

71, 18.655,
355.333

71, 18.655,
355.333

66, 27.743,
356.615

76, 9.751, 354.221

82, 1.142, 352.900

61, 36.841,
358.128

88, 7.126, 172.536

56, 45.671,
359.961

93, 15.039,
171.743

52, 53.856, 2.232

97, 17.404,
181.207

49, 60.966, 5.095

97, 16.221,
198.428

46, 66.640, 8.727

44, 70.770, 13.273

■ 44, 73.538, 17.796

Harmonies

Complementary

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



71, 18.655, 355.333



79, 17.688, 171.178

Rectangle

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



71, 18.655, 355.333



71, 18.655, 45.333



71, 18.655, 175.333



71, 18.655, 225.333

Sweetspot

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



71, 18.653, 355.336



96, 6.069, 353.660



70, 26.239, 315.033



51, 4.030, 353.732



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, 18.653, 355.336



83, 27.189, 355.948



72, 15.259, 34.058



40, 4.816, 354.014



35, 62.310, 16.841



4, 18.741, 2.798

Inverse Universe

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



71, 18.653, 355.336



83, 27.189, 355.948



78, 13.198, 214.147



40, 4.816, 354.014



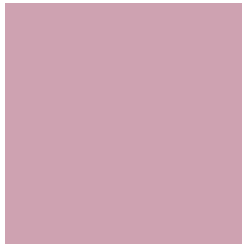
35, 62.310, 16.841



4, 18.741, 2.798

Previews

White Background



This preview shows how the CIELCh color 71, 18.655, 355.333 looks on a white background.

Color Contrast Check

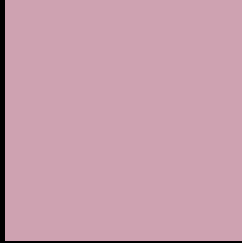
Large Text (above 18pt) WCAG AA × Fail

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, 18.655, 355.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

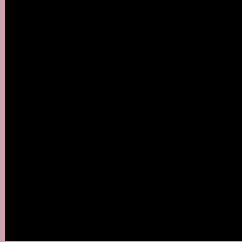
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 18.655, 355.333

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.655, 355.333.



This preview shows how white text looks on a background with the CIELCh color 71, 18.655, 355.333.

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





Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 18.655, 355.333

Protanomaly
71, 9.167, 334.629

Deuteranomaly
71, 12.663, 355.146

Tritanomaly
71, 18.457, 356.880

Monochromacy



Original Color
71, 18.655, 355.333

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.648, 355.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.655, 355.333 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(206, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 177)  
}
```

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(206, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.655, 355.333 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(206, 162, 177) }
```

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

```
.border{ border-color:rgb(206, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.655, 355.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 177) }
```

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

```
.background{ background-color: rgb(206,  
162, 177) }
```

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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