

Converting Colors

CIELCh(71, 16.857, 353.291)

Have a look what the booklet for
CIELCh(71, 16.857, 353.291)
contains.

CIELCh(71, 17.261, 352.887)	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, 17.261, 352.887)

Conversions

Conversions Part 1

Format	Color
Hex	CBA3B2
RGB	203, 163, 178
RGB Percent	80%, 64%, 70%
CMY	0.2033, 0.3602, 0.3014
CMYK	0.00, 0.20, 0.12, 0.20
HSL	338°, 28%, 72%
HSV	338°, 20%, 80%
XYZ	45.8472, 42.1875, 47.9267
YIQ	176.6700, 19.0250, 13.1450

Conversions

Conversions Part 2

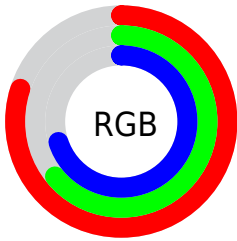
Format	Color
R_{YB}	203, 163, 178
Decimal	13345714
CIE _{Lab}	71.00, 17.13, -2.14
CIE _{LCh}	71, 17.261, 352.887
Yxy	42.1875, 0.3372, 0.3103
Android (android.graphics.Color)	4291535794 (0xFFCBA3B2)
YUV	176.6700, 0.6557, 23.0914
Hunter-Lab	64.9519, 12.3308, 1.7174

Details

The CIELCh color $71, 17.261, 352.887$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 16.538, 169.159$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.699, 348.767$, and $51, 17.061, 353.214$ is the 20% darker color. If you saturate the color by 10%, you get $66, 26.331, 354.098$, and if you desaturate by 10%, it is $76, 8.363, 351.822$.

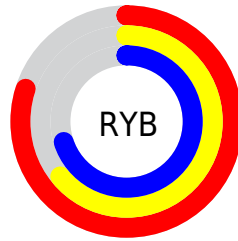
Distribution



Red (80%)

Green (64%)

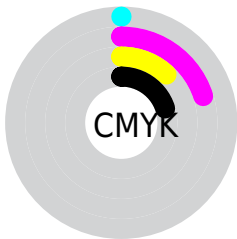
Blue (70%)



Red (80%)

Yellow (64%)

Blue (70%)

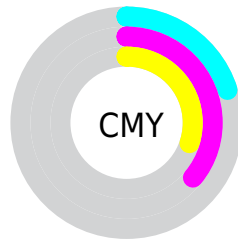


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (20%)



Cyan (20%)


Magenta (36%)

Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.261, 352.887 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, 17.261, 352.887 by changing the saturation by 10% instead.

 71, 17.261,
352.887

 71, 17.261,
352.887


 100, 17.261,
352.887


 61, 17.261,
352.887


 91, 17.261,
352.887

 51, 17.261,
352.887

 41, 17.261,
352.887

 31, 17.261,
352.887

 21, 17.261,
352.887

 11, 17.261,
352.887

 1, 17.261, 352.887

0, 17.261, 352.887

71, 17.261,
352.887

71, 17.261,
352.887

66, 26.331,
354.098

76, 8.363, 351.822

61, 35.407,
355.511

82, 0.256, 172.738

88, 8.551, 170.192

56, 44.217,
357.203

93, 16.508,
169.427

52, 52.393,
359.280

96, 18.983,
177.055

49, 59.497, 1.883

97, 17.165,
197.246

46, 65.129, 5.183

44, 69.104, 9.350

97, 17.132,
198.369

■ 43, 71.840, 14.326

■ 43, 71.928, 14.480

Harmonies

Complementary

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



71, 17.261, 352.887



79, 16.538, 169.159

Rectangle

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



71, 17.261, 352.887



71, 17.261, 42.887



71, 17.261, 172.887



71, 17.261, 222.887

Sweetspot

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



71, 17.259, 352.890



96, 6.190, 351.445



70, 23.705, 313.873



51, 4.110, 351.515



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, 17.259, 352.890



84, 25.450, 353.428



72, 14.169, 30.777



40, 4.909, 351.791



35, 61.689, 13.611



4, 18.931, 0.947

Inverse Universe

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



71, 17.259, 352.890



84, 25.450, 353.428



78, 12.400, 210.252



40, 4.909, 351.791



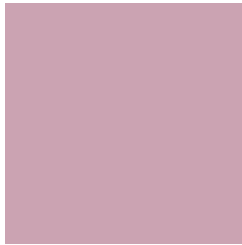
35, 61.689, 13.611



4, 18.931, 0.947

Previews

White Background



This preview shows how the CIELCh color 71, 17.261, 352.887 looks on a white background.

Color Contrast Check

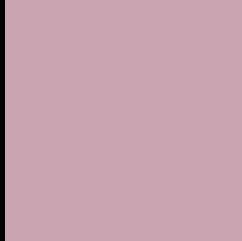
Large Text (above 18pt) WCAG AA × Fail

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, 17.261, 352.887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

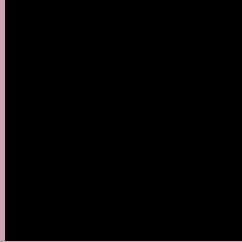
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.261, 352.887

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.261, 352.887.



This preview shows how white text looks on a background with the CIELCh color 71, 17.261, 352.887.

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, 17.261, 352.887

Protanopia

71, 6.028, 294.259

Deuteranopia

71, 8.751, 350.326



Tritanopia
71, 16.832, 356.214

Trichromacy



Original Color
71, 17.261, 352.887

Protanomaly
71, 9.316, 330.591

Deuteranomaly
71, 11.618, 352.550

Tritanomaly
71, 17.039, 354.529

Monochromacy



Original Color
71, 17.261, 352.887

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.303, 354.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.261, 352.887 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(203, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 163, 178)  
}
```

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(203, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 163, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.261, 352.887 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(203, 163, 178) }
```

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

```
.border{ border-color:rgb(203, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 163,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.261, 352.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 163, 178) }
```

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

```
.background{ background-color: rgb(203,  
163, 178) }
```

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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