

Converting Colors

CIELCh(69, 19.551, 353.015)

Have a look what the booklet for
CIELCh(69, 19.551, 353.015)
contains.

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Color

CIELCh(69, 19.553, 353.012)

Conversions

Conversions Part 1

Format	Color
Hex	C99CAD
RGB	201, 156, 173
RGB Percent	79%, 61%, 68%
CMY	0.2107, 0.3872, 0.3206
CMYK	0.00, 0.22, 0.14, 0.21
HSL	337°, 30%, 70%
HSV	337°, 22%, 79%
XYZ	43.6588, 39.3444, 44.9595
YIQ	171.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

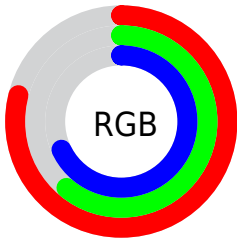
Format	Color
R _Y B	201, 156, 173
Decimal	13212845
CIE Lab	69.00, 19.41, -2.38
CIE LCh	69, 19.553, 353.012
Yxy	39.3444, 0.3412, 0.3075
Android (android.graphics.Color)	4291402925 (0xFFC99CAD)
YUV	171.3930, 0.7923, 25.9653
Hunter-Lab	62.7251, 14.4730, 1.4102

Details

The CIELCh color $69, 19.553, 353.012$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 18.634, 168.707$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.244, 351.911$, and $49, 19.755, 351.958$ is the 20% darker color. If you saturate the color by 10%, you get $64, 28.584, 354.267$, and if you desaturate by 10%, it is $74, 10.652, 351.920$.

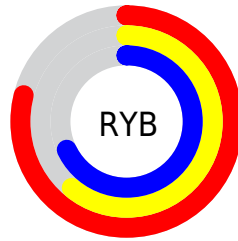
Distribution



Red (79%)

Green (61%)

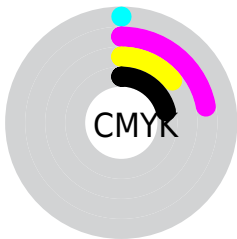
Blue (68%)



Red (79%)

Yellow (61%)

Blue (68%)

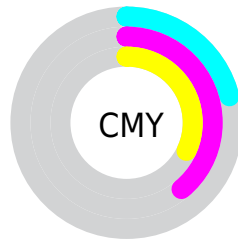


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.553, 353.012 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 69, 19.553, 353.012 by changing the saturation by 10% instead.

 69, 19.553,
353.012


 69, 19.553,
353.012


 100, 19.553,
353.012


 59, 19.553,
353.012

 89, 19.553,
353.012

 49, 19.553,
353.012

 99, 19.553,
353.012

 39, 19.553,
353.012

 29, 19.553,
353.012

 19, 19.553,
353.012

 9, 19.553, 353.012

 0, 19.553, 353.012

69, 19.553,
353.012

69, 19.553,
353.012

64, 28.584,
354.267

74, 10.652,
351.920

59, 37.557,
355.739

80, 2.005, 350.791

85, 6.331, 170.246

55, 46.175,
357.513

91, 14.333,
169.448

51, 54.046,
359.703

96, 20.966,
170.207

47, 60.734, 2.456

96, 18.332,
187.616

45, 65.876, 5.950

43, 69.377, 10.341

96, 17.713,
198.332

43, 71.366, 14.175

Harmonies

Complementary

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



69, 19.553, 353.012



78, 18.634, 168.707

Rectangle

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



69, 19.553, 353.012



69, 19.553, 43.012



69, 19.553, 173.012



69, 19.553, 223.012

Sweetspot

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



69, 19.551, 353.015



95, 7.245, 351.376



68, 26.793, 313.994



50, 4.713, 351.439



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 19.551, 353.015



82, 28.769, 353.619



70, 16.147, 30.895



39, 4.816, 351.611



34, 60.938, 13.273



4, 16.907, 0.136

Inverse Universe

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



69, 19.551, 353.015



82, 28.769, 353.619



77, 13.854, 210.265



39, 4.816, 351.611



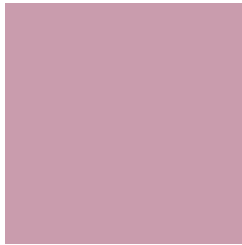
34, 60.938, 13.273



4, 16.907, 0.136

Previews

White Background



This preview shows how the CIELCh color 69, 19.553, 353.012 looks on a white background.

Color Contrast Check

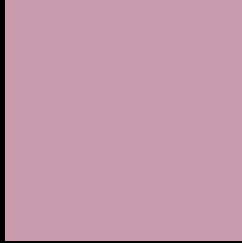
Large Text (above 18pt) WCAG AA × Fail

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 69, 19.553, 353.012 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 69, 19.553, 353.012

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.553, 353.012.



This preview shows how white text looks on a background with the CIELCh color 69, 19.553, 353.012.

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
69, 19.553, 353.012

Protanopia
69, 6.593, 290.849

Deuteranopia
69, 9.084, 347.346



Tritanopia
69, 18.205, 0.135

Trichromacy



Original Color
69, 19.553, 353.012

Protanomaly
69, 9.787, 328.531

Deuteranomaly
69, 12.616, 352.115

Tritanomaly
69, 18.557, 356.940

Monochromacy



Original Color
69, 19.553, 353.012

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.266, 353.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.553, 353.012 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(201, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 173)  
}
```

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(201, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.553, 353.012 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(201, 156, 173) }
```

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

```
.border{ border-color:rgb(201, 156, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 156, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 156, 173); box-shadow:4px 4px 4px 4px rgb(201, 156, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.553, 353.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 173) }
```

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

```
.background{ background-color: rgb(201,  
156, 173) }
```

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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