

Converting Colors

CIELCh(66, 23.475, 292.584)

Have a look what the booklet for
CIELCh(66, 23.475, 292.584)
contains.

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Color

CIELCh(66, 23.308, 292.571)

Conversions

Conversions Part 1

Format	Color
Hex	9D9DC7
RGB	157, 157, 199
RGB Percent	62%, 62%, 78%
CMY	0.3850, 0.3850, 0.2203
CMYK	0.21, 0.21, 0.00, 0.22
HSL	240°, 27%, 70%
HSV	240°, 21%, 78%
XYZ	36.1887, 35.3238, 58.8369
YIQ	161.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

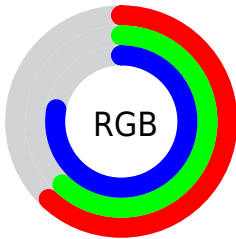
Format	Color
R_{YB}	157, 157, 199
Decimal	10329543
CIE _{Lab}	66.00, 8.95, -21.52
CIE _{LCh}	66, 23.308, 292.571
Yxy	35.3238, 0.2776, 0.2710
Android (android.graphics.Color)	4288519623 (0xFF9D9DC7)
YUV	161.7880, 18.3455, -4.1991
Hunter-Lab	59.4338, 4.6778, -17.0908

Details

The CIELCh color `66, 23.308, 292.571` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 22.197, 108.142`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 23.140, 292.920`, and `46, 23.193, 292.430` is the 20% darker color. If you saturate the color by 10%, you get `59, 35.073, 294.024`, and if you desaturate by 10%, it is `73, 12.026, 291.336`.

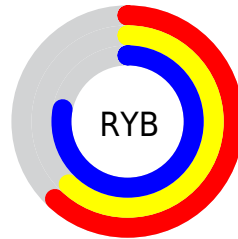
Distribution



Red (62%)

Green (62%)

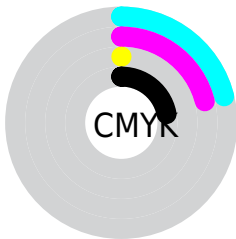
Blue (78%)



Red (62%)

Yellow (62%)

Blue (78%)

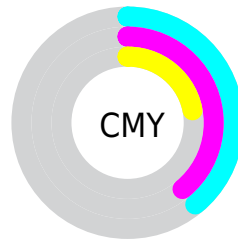


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 23.308, 292.571 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 66, 23.308, 292.571 by changing the saturation by 10% instead.

66, 23.308,
292.571

66, 23.308,
292.571

100, 23.308,
292.571

56, 23.308,
292.571

86, 23.308,
292.571

46, 23.308,
292.571

96, 23.308,
292.571

36, 23.308,
292.571

26, 23.308,
292.571

16, 23.308,
292.571

6, 23.308, 292.571

0, 23.308, 292.571

66, 23.308,
292.571

66, 23.308,
292.571

59, 35.073,
294.024

73, 12.026,
291.336

53, 47.347,
295.722

79, 1.196, 290.335

86, 9.217, 109.385

46, 60.102,
297.665

93, 19.244,
108.631

40, 73.175,
299.807

99, 28.320,
108.026

34, 86.076,
302.015

29, 97.720,
304.030

26, 106.363,
305.512

24, 110.948,

Harmonies

Complementary

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



66, 23.308, 292.571



79, 22.197, 108.142

Rectangle

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



66, 23.308, 292.571



66, 23.308, 342.571



66, 23.308, 112.571



66, 23.308, 162.571

Sweetspot

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



66, 23.307, 292.570



95, 7.866, 290.791



77, 14.559, 196.852



50, 5.224, 290.860



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 23.307, 292.570



79, 34.064, 293.159



68, 24.384, 309.490



38, 6.114, 291.142



19, 95.824, 306.286



1, 21.509, 291.744

Inverse Universe

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



68, 16.680, 20.925



83, 24.560, 21.359



78, 23.667, 127.515



39, 4.279, 19.916



34, 74.641, 39.773



3, 15.885, 19.401

Previews

White Background



This preview shows how the CIELCh color 66, 23.308, 292.571 looks on a white background.

Color Contrast Check

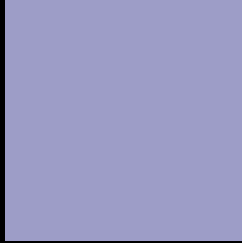
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 23.308, 292.571 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 66, 23.308, 292.571

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.308, 292.571.



This preview shows how white text looks on a background with the CIELCh color 66, 23.308, 292.571.

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

66, 23.308, 292.571

Protanopia

66, 22.843, 284.907

Deuteranopia

66, 23.305, 291.738



Tritanopia
66, 7.844, 266.323

Trichromacy



Original Color
66, 23.308, 292.571

Protanomaly
66, 23.332, 287.603

Deuteranomaly
66, 23.305, 291.738

Tritanomaly
66, 13.393, 283.950

Monochromacy



Original Color
66, 23.308, 292.571

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 8.313, 291.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.308, 292.571 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(157, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 199)  
}
```

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(157, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.308, 292.571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

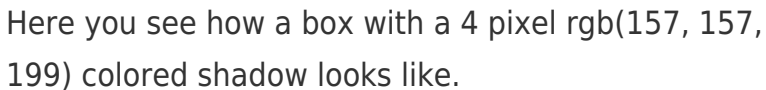
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 157, 199) }
```

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

```
.border{ border-color:rgb(157, 157, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 157, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 157, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 157, 199); box-shadow:4px 4px 4px 4px rgb(157, 157, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.308, 292.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 199) }
```

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

```
.background{ background-color: rgb(157,  
157, 199) }
```

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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