

Converting Colors

CIELCh(66, 23.661, 302.997)

Have a look what the booklet for
CIELCh(66, 23.661, 302.997)
contains.

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Color

CIELCh(66, 23.851, 303.505)

Conversions

Conversions Part 1

Format	Color
Hex	A79AC4
RGB	167, 154, 196
RGB Percent	65%, 60%, 77%
CMY	0.3450, 0.3960, 0.2313
CMYK	0.15, 0.21, 0.00, 0.23
HSL	259°, 26%, 69%
HSV	259°, 21%, 77%
XYZ	37.4677, 35.3238, 57.0832
YIQ	162.6750, -5.7340, 15.8180

Conversions

Conversions Part 2

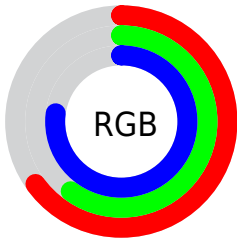
Format	Color
R_{YB}	167, 154, 196
Decimal	10984132
CIE _{Lab}	66.00, 13.17, -19.89
CIE _{LCh}	66, 23.851, 303.505
Yxy	35.3238, 0.2885, 0.2720
Android (android.graphics.Color)	4289174212 (0xFFA79AC4)
YUV	162.6750, 16.4292, 3.7930
Hunter-Lab	59.4338, 8.5189, -15.3413

Details

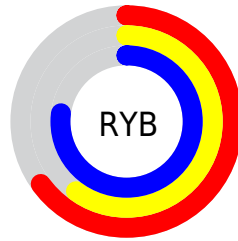
The CIELCh color $66, 23.851, 303.505$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 22.895, 120.946$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 24.219, 303.324$, and $46, 23.715, 303.839$ is the 20% darker color. If you saturate the color by 10%, you get $60, 35.578, 304.262$, and if you desaturate by 10%, it is $72, 12.500, 302.827$.

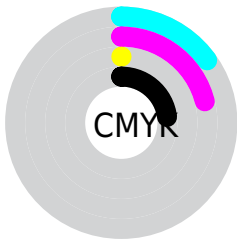
Distribution



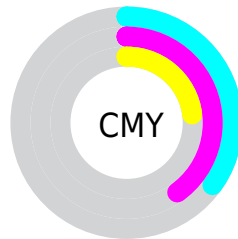
- Red (65%)
- Green (60%)
- Blue (77%)



- Red (65%)
- Yellow (60%)
- Blue (77%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)





- Cyan (35%)
- Magenta (40%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 23.851, 303.505 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, 23.851, 303.505 by changing the saturation by 10% instead.


 66, 23.851,
303.505


 66, 23.851,
303.505


 100, 23.851,
303.505


 56, 23.851,
303.505


 86, 23.851,
303.505

 46, 23.851,
303.505

 96, 23.851,
303.505

 36, 23.851,
303.505

 26, 23.851,
303.505

 16, 23.851,
303.505

 6, 23.851, 303.505

 0, 23.851, 303.505

66, 23.851,
303.505

66, 23.851,
303.505

60, 35.578,
304.262

72, 12.500,
302.827

54, 47.637,
305.096

78, 1.540, 302.203

84, 9.038, 121.723

48, 59.905,
305.983

90, 19.249,
121.270

42, 72.121,
306.878

97, 29.114,
120.880

37, 83.791,
307.696

98, 29.846,
112.822

32, 94.089,
308.302

99, 29.715,
107.919

29, 101.895,
308.520

27, 106.413,

308.414

Harmonies

Complementary

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



66, 23.851, 303.505



77, 22.895, 120.946

Rectangle

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



66, 23.851, 303.505



66, 23.851, 353.505



66, 23.851, 123.505



66, 23.851, 173.505

Sweetspot

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



66, 23.849, 303.504



95, 8.056, 302.497



73, 12.073, 233.464



50, 5.349, 302.537



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, 23.849, 303.504



80, 36.138, 303.872



68, 26.202, 319.752



38, 6.123, 302.697



21, 91.654, 308.550



2, 19.753, 299.433

Inverse Universe

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



68, 22.345, 336.180



84, 33.605, 336.568



76, 25.940, 137.751



38, 5.816, 335.279



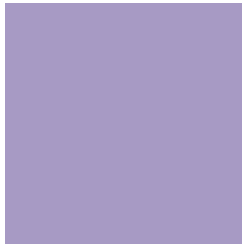
35, 65.085, 345.348



3, 18.111, 340.793

Previews

White Background



This preview shows how the CIELCh color 66, 23.851, 303.505 looks on a white background.

Color Contrast Check

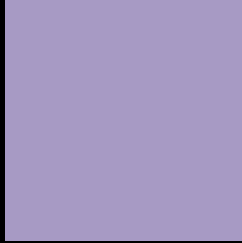
Large Text (above 18pt) WCAG AA × Fail

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, 23.851, 303.505 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, 23.851, 303.505

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.851, 303.505.



This preview shows how white text looks on a background with the CIELCh color 66, 23.851, 303.505.

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, 23.851, 303.505

Protanopia

66, 22.262, 285.490

Deuteranopia

66, 21.104, 293.288



Tritanopia
66, 6.842, 303.422

Trichromacy



Original Color
66, 23.851, 303.505

Protanomaly
66, 22.755, 292.517

Deuteranomaly
66, 21.764, 296.972

Tritanomaly
66, 13.062, 302.723

Monochromacy



Original Color
66, 23.851, 303.505

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.461, 301.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.851, 303.505 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(167, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 196)  
}
```

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(167, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.851, 303.505 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(167, 154, 196) }
```

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

```
.border{ border-color:rgb(167, 154, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 154, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.851, 303.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 196) }
```

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

```
.background{ background-color: rgb(167,  
154, 196) }
```

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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