

Converting Colors

CIELCh(66, 23.302, 310.630)

Have a look what the booklet for
CIELCh(66, 23.302, 310.630)
contains.

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Color

CIELCh(66, 22.889, 310.445)

Conversions

Conversions Part 1

Format	Color
Hex	AD99C0
RGB	173, 153, 192
RGB Percent	68%, 60%, 75%
CMY	0.3228, 0.4012, 0.2483
CMYK	0.10, 0.20, 0.00, 0.25
HSL	271°, 24%, 68%
HSV	271°, 20%, 75%
XYZ	37.9859, 35.3238, 54.5016
YIQ	163.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

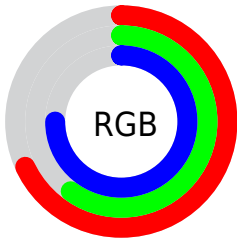
Format	Color
RYB	173, 153, 192
Decimal	11377088
CIELab	66.00, 14.85, -17.42
CIElCh	66, 22.889, 310.445
Yxy	35.3238, 0.2972, 0.2764
Android (android.graphics.Color)	4289567168 (0xFFAD99C0)
YUV	163.4260, 14.0870, 8.3964
Hunter-Lab	59.4338, 10.0753, -12.7660

Details

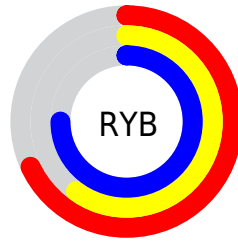
The CIELCh color $66, 22.889, 310.445$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $75, 22.282, 128.604$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 22.933, 311.075$, and $46, 22.548, 310.274$ is the 20% darker color. If you saturate the color by 10%, you get $60, 34.556, 310.958$, and if you desaturate by 10%, it is $72, 11.478, 309.959$.

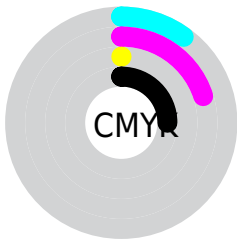
Distribution



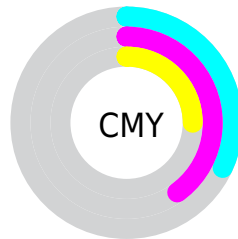
- Red (68%)
- Green (60%)
- Blue (75%)



- Red (68%)
- Yellow (60%)
- Blue (75%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 22.889, 310.445 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, 22.889, 310.445 by changing the saturation by 10% instead.

 66, 22.889,
310.445

 66, 22.889,
310.445

 100, 22.889,
310.445

 56, 22.889,
310.445

 86, 22.889,
310.445

 46, 22.889,
310.445

 96, 22.889,
310.445

 36, 22.889,
310.445

 26, 22.889,
310.445

 16, 22.889,
310.445

 6, 22.889, 310.445

 0, 22.889, 310.445

66, 22.889,
310.445

66, 22.889,
310.445

60, 34.556,
310.958

72, 11.478,
309.959

55, 46.381,
311.486

77, 0.378, 309.215

49, 58.179,
312.001

83, 10.392,
129.142

44, 69.634,
312.458

89, 20.829,
128.781

40, 80.252,
312.788

94, 30.942,
128.464

36, 89.345,
312.899

97, 33.494,
124.801


33, 96.127,
312.678

97, 32.578,
119.042

30, 100.427,

98, 32.027,
112.912

312.163

 99, 31.874,
107.752

Harmonies

Complementary

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



66, 22.889, 310.445



75, 22.282, 128.604

Rectangle

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



66, 22.889, 310.445



66, 22.889, 0.445



66, 22.889, 130.445



66, 22.889, 180.445

Sweetspot

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



66, 22.887, 310.444



94, 8.216, 309.760



70, 12.482, 258.335



50, 5.453, 309.791



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 22.887, 310.444



81, 33.672, 310.649



68, 25.795, 325.537



38, 6.342, 309.914



25, 87.991, 312.312



2, 20.259, 305.806

Inverse Universe

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



67, 18.165, 346.132



83, 26.674, 346.546



74, 25.778, 143.148



38, 5.048, 345.084



34, 59.925, 2.705



3, 15.722, 353.098

Previews

White Background



This preview shows how the CIELCh color 66, 22.889, 310.445 looks on a white background.

Color Contrast Check

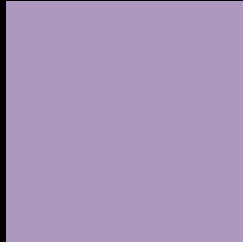
Large Text (above 18pt) WCAG AA × Fail

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 66, 22.889, 310.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

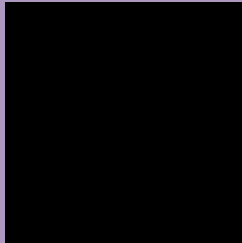
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 22.889, 310.445

Background



This preview shows how black text looks on a background with the CIELCh color 66, 22.889, 310.445.



This preview shows how white text looks on a background with the CIELCh color 66, 22.889, 310.445.

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, 22.889, 310.445

Protanopia

66, 20.589, 285.631

Deuteranopia

66, 18.953, 296.368



Tritanopia
66, 8.084, 324.796

Trichromacy



Original Color
66, 22.889, 310.445

Protanomaly
66, 20.584, 295.191

Deuteranomaly
66, 20.374, 302.196

Tritanomaly
66, 13.475, 315.657

Monochromacy



Original Color
66, 22.889, 310.445

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.346, 311.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 22.889, 310.445 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(173, 153, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 153, 192)  
}
```

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(173, 153, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 153, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 22.889, 310.445 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(173, 153, 192) }
```

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

```
.border{ border-color:rgb(173, 153, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 153, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 153, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 153, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 153,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 22.889, 310.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 153, 192) }
```

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

```
.background{ background-color: rgb(173,  
153, 192) }
```

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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