

Converting Colors

CIELCh(66, 21.122, 355.366)

Have a look what the booklet for
CIELCh(66, 21.122, 355.366)
contains.

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Color

CIELCh(66, 21.136, 355.359)

Conversions

Conversions Part 1

Format	Color
Hex	C493A4
RGB	196, 147, 164
RGB Percent	77%, 58%, 64%
CMY	0.2310, 0.4232, 0.3565
CMYK	0.00, 0.25, 0.16, 0.23
HSL	339°, 29%, 67%
HSV	339°, 25%, 77%
XYZ	39.9426, 35.3238, 39.8743
YIQ	163.5890, 23.7470, 15.6750

Conversions

Conversions Part 2

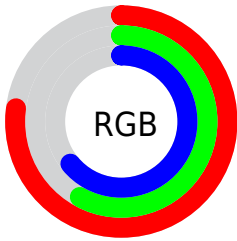
Format	Color
R _Y B	196, 147, 164
Decimal	12882852
CIE Lab	66.00, 21.07, -1.71
CIE LCh	66, 21.136, 355.359
Yxy	35.3238, 0.3469, 0.3068
Android (android.graphics.Color)	4291072932 (0xFFC493A4)
YUV	163.5890, 0.2026, 28.4244
Hunter-Lab	59.4338, 15.9519, 1.8259

Details

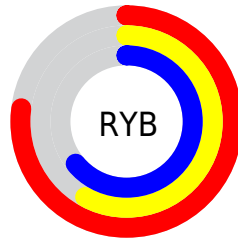
The CIELCh color **66, 21.136, 355.359** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 19.885, 170.403**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.246, 354.915**, and **46, 21.226, 356.158** is the 20% darker color. If you saturate the color by 10%, you get **61, 29.904, 356.703**, and if you desaturate by 10%, it is **71, 12.485, 354.205**.

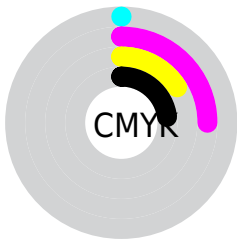
Distribution



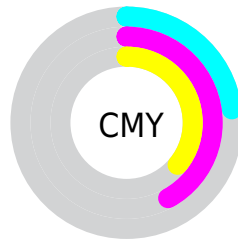
- Red (77%)
- Green (58%)
- Blue (64%)



- Red (77%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.136, 355.359 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, 21.136, 355.359 by changing the saturation by 10% instead.


 66, 21.136,
355.359


 66, 21.136,
355.359


 100, 21.136,
355.359


 56, 21.136,
355.359


 86, 21.136,
355.359

 46, 21.136,
355.359

 96, 21.136,
355.359

 36, 21.136,
355.359

 26, 21.136,
355.359

 16, 21.136,
355.359

 6, 21.136, 355.359

 0, 21.136, 355.359

66, 21.136,
355.359

66, 21.136,
355.359

61, 29.904,
356.703

71, 12.485,
354.205

56, 38.592,
358.301

76, 4.084, 353.137

82, 4.008, 172.484

52, 46.896, 0.249

87, 11.763,
171.624

48, 54.429, 2.675

45, 60.783, 5.743

93, 19.184,
170.901

43, 65.670, 9.626

96, 21.233,
178.148

42, 69.108, 14.439

41, 70.637, 17.023

96, 19.363,
196.290

96, 19.287,
198.232

Harmonies

Complementary

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



66, 21.136, 355.359



75, 19.885, 170.403

Rectangle

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



66, 21.136, 355.359



66, 21.136, 45.359



66, 21.136, 175.359



66, 21.136, 225.359

Sweetspot

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



66, 21.134, 355.362



95, 7.117, 353.370



65, 29.588, 315.192



50, 4.630, 353.436



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, 21.134, 355.362



81, 31.607, 356.070



67, 17.409, 34.167



38, 4.631, 353.608



34, 60.736, 16.121



3, 14.815, 1.065

Inverse Universe

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



66, 21.134, 355.362



81, 31.607, 356.070



74, 14.656, 214.243



38, 4.631, 353.608



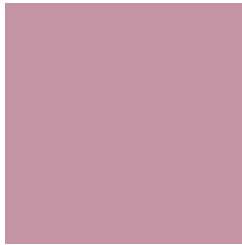
34, 60.736, 16.121



3, 14.815, 1.065

Previews

White Background



This preview shows how the CIELCh color 66, 21.136, 355.359 looks on a white background.

Color Contrast Check

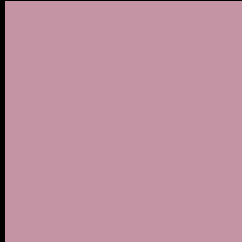
Large Text (above 18pt) WCAG AA × Fail

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, 21.136, 355.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

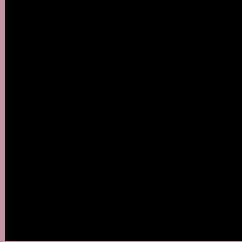
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.136, 355.359

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.136, 355.359.



This preview shows how white text looks on a background with the CIELCh color 66, 21.136, 355.359.

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, 21.136, 355.359

Protanopia
66, 6.652, 290.879

Deuteranopia
66, 8.050, 355.846



Tritanopia
66, 19.757, 3.636

Trichromacy



Original Color
66, 21.136, 355.359

Protanomaly
66, 10.365, 331.941

Deuteranomaly
66, 12.848, 355.257

Tritanomaly
66, 20.034, 0.595

Monochromacy



Original Color
66, 21.136, 355.359

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.679, 354.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.136, 355.359 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(196, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 164)  
}
```

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(196, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.136, 355.359 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(196, 147, 164) }
```

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

```
.border{ border-color:rgb(196, 147, 164) }
```

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

Here you see how a box with a 4 pixel rgb(196, 147, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.136, 355.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 164) }
```

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

```
.background{ background-color: rgb(196,  
147, 164) }
```

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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