

Converting Colors

CIELCh(66, 19.719, 307.880)

Have a look what the booklet for
CIELCh(66, 19.719, 307.880)
contains.

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Color

CIELCh(66, 19.719, 307.880)

Conversions

Conversions Part 1

Format	Color
Hex	A99ABC
RGB	169, 154, 188
RGB Percent	66%, 60%, 74%
CMY	0.3360, 0.3949, 0.2615
CMYK	0.10, 0.18, 0.00, 0.26
HSL	266°, 20%, 67%
HSV	266°, 18%, 74%
XYZ	37.1441, 35.3238, 52.6138
YIQ	162.3610, -1.9740, 13.7540

Conversions

Conversions Part 2

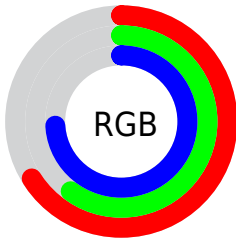
Format	Color
RYB	169, 154, 188
Decimal	11115196
CIELab	66.00, 12.11, -15.56
CIElCh	66, 19.719, 307.880
Yxy	35.3238, 0.2970, 0.2824
Android (android.graphics.Color)	4289305276 (0xFFA99ABC)
YUV	162.3610, 12.6400, 5.8224
Hunter-Lab	59.4338, 7.5471, -10.8828

Details

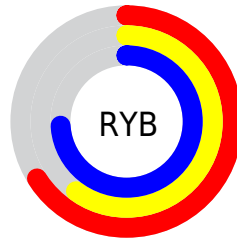
The CIELCh color `66, 19.719, 307.880` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `74, 19.181, 126.138`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 19.802, 307.827`, and `46, 19.856, 308.032` is the 20% darker color. If you saturate the color by 10%, you get `60, 31.075, 308.446`, and if you desaturate by 10%, it is `72, 8.669, 307.356`.

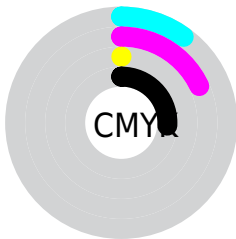
Distribution



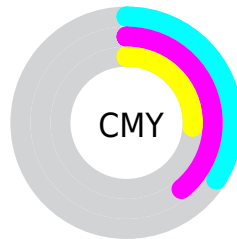
- Red (66%)
- Green (60%)
- Blue (74%)



- Red (66%)
- Yellow (60%)
- Blue (74%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (26%)





- Cyan (34%)
- Magenta (39%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.719, 307.880 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, 19.719, 307.880 by changing the saturation by 10% instead.


 66, 19.719,
307.880


 66, 19.719,
307.880


 100, 19.719,
307.880


 56, 19.719,
307.880


 86, 19.719,
307.880

 46, 19.719,
307.880

 96, 19.719,
307.880

 36, 19.719,
307.880

 26, 19.719,
307.880

 16, 19.719,
307.880

 6, 19.719, 307.880

 0, 19.719, 307.880

66, 19.719,
307.880

66, 19.719,
307.880

60, 31.075,
308.446

72, 8.669, 307.356

55, 42.676,
309.049

77, 2.043, 126.948

49, 54.389,
309.667

83, 12.414,
126.497

44, 65.966,
310.261

89, 22.452,
126.130

39, 76.987,
310.764

95, 32.169,
125.812

35, 86.804,
311.080

97, 34.711,
121.782


31, 94.570,
311.084


98, 33.896,
115.364

29, 99.715,

98, 33.553,
108.607

310.700

 99, 33.545,
107.624

 28, 100.624,
310.629

Harmonies

Complementary

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



66, 19.719, 307.880



74, 19.181, 126.138

Rectangle

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



66, 19.719, 307.880



66, 19.719, 357.880



66, 19.719, 127.880



66, 19.719, 177.880

Sweetspot

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



66, 19.717, 307.879



93, 6.628, 307.206



70, 10.393, 250.232



49, 4.525, 307.241



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 19.717, 307.879



81, 29.911, 308.117



68, 22.131, 323.536



37, 6.118, 307.422



23, 88.277, 310.775



2, 17.921, 303.037

Inverse Universe

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



67, 16.624, 342.058



83, 25.134, 342.450



73, 22.063, 141.620



37, 5.184, 341.301



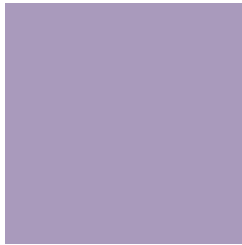
34, 60.270, 356.068



3, 14.454, 348.126

Previews

White Background



This preview shows how the CIELCh color 66, 19.719, 307.880 looks on a white background.

Color Contrast Check

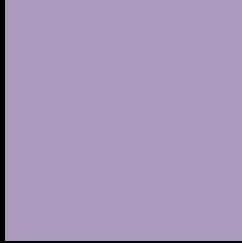
Large Text (above 18pt) WCAG AA × Fail

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, 19.719, 307.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

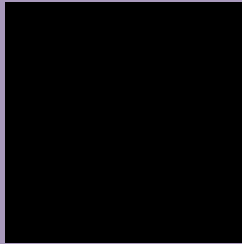
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 19.719, 307.880

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.719, 307.880.



This preview shows how white text looks on a background with the CIELCh color 66, 19.719, 307.880.

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, 19.719, 307.880

Protanopia
66, 17.787, 286.412

Deuteranopia
66, 17.377, 298.988



Tritanopia
66, 7.335, 314.935

Trichromacy



Original Color
66, 19.719, 307.880

Protanomaly
66, 18.373, 295.358

Deuteranomaly
66, 18.111, 302.185

Tritanomaly
66, 11.742, 309.562

Monochromacy



Original Color
66, 19.719, 307.880

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.928, 306.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 19.719, 307.880 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(169, 154, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 154, 188)  
}
```

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(169, 154, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 154, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.719, 307.880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

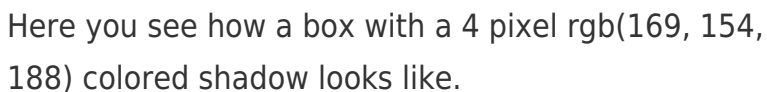
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 154, 188) }
```

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

```
.border{ border-color:rgb(169, 154, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 154, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 154, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 154, 188); box-shadow:4px 4px 4px 4px rgb(169, 154, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.719, 307.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 154, 188) }
```

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

```
.background{ background-color: rgb(169,  
154, 188) }
```

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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