

Converting Colors

CIELCh(66, 20.363, 316.003)

Have a look what the booklet for
CIELCh(66, 20.363, 316.003)
contains.

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Color

CIELCh(66, 20.063, 315.405)

Conversions

Conversions Part 1

Format	Color
Hex	AF99BA
RGB	175, 153, 186
RGB Percent	69%, 60%, 73%
CMY	0.3147, 0.4009, 0.2716
CMYK	0.06, 0.18, 0.00, 0.27
HSL	280°, 19%, 66%
HSV	280°, 18%, 73%
XYZ	37.8123, 35.3238, 51.1412
YIQ	163.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

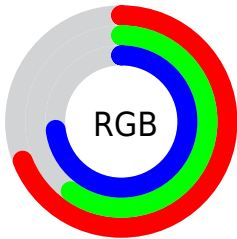
Format	Color
RYB	175, 153, 186
Decimal	11508154
CIELab	66.00, 14.29, -14.09
CIElCh	66, 20.063, 315.405
Yxy	35.3238, 0.3043, 0.2842
Android (android.graphics.Color)	4289698234 (0xFFAF99BA)
YUV	163.3400, 11.1714, 10.2258
Hunter-Lab	59.4338, 9.5539, -9.4138

Details

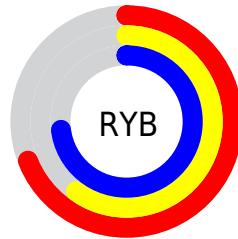
The CIELCh color `66, 20.063, 315.405` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 19.761, 133.897`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.285, 315.883`, and `46, 20.041, 314.929` is the 20% darker color. If you saturate the color by 10%, you get `61, 31.626, 315.845`, and if you desaturate by 10%, it is `71, 8.673, 314.967`.

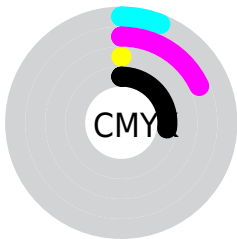
Distribution



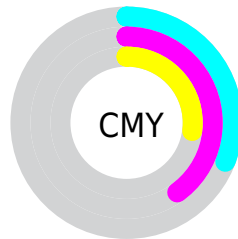
- Red (69%)
- Green (60%)
- Blue (73%)



- Red (69%)
- Yellow (60%)
- Blue (73%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)





- Cyan (31%)
- Magenta (40%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 20.063, 315.405 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, 20.063, 315.405 by changing the saturation by 10% instead.

 66, 20.063,
315.405


 66, 20.063,
315.405


 100, 20.063,
315.405


 56, 20.063,
315.405


 86, 20.063,
315.405

 46, 20.063,
315.405

 96, 20.063,
315.405

 36, 20.063,
315.405

 26, 20.063,
315.405

 16, 20.063,
315.405

 6, 20.063, 315.405

 0, 20.063, 315.405

66, 20.063,
315.405

66, 20.063,
315.405

61, 31.626,
315.845

71, 8.673, 314.967

56, 43.238,
316.278

77, 2.461, 134.646

51, 54.680,
316.678

82, 13.303,
134.216

46, 65.625,
317.007

87, 23.836,
133.864

42, 75.609,
317.213

93, 34.058,
133.548

39, 84.048,
317.232

96, 38.595,
131.976


36, 90.335,
316.991

96, 37.663,
128.957

34, 94.218,

96, 36.839,
125.743

316.454

 97, 36.138,
122.344

 34, 94.981,
316.328

Harmonies

Complementary

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



66, 20.063, 315.405



73, 19.761, 133.897

Rectangle

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



66, 20.063, 315.405



66, 20.063, 5.405



66, 20.063, 135.405



66, 20.063, 185.405

Sweetspot

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



66, 20.061, 315.404



92, 6.915, 314.846



67, 12.417, 272.259



49, 4.760, 314.879



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, 20.061, 315.404



82, 29.533, 315.562



67, 19.799, 329.890



36, 6.283, 315.036



28, 83.236, 316.464



2, 16.522, 310.939

Inverse Universe

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



66, 14.122, 355.409



82, 20.840, 355.823



72, 19.748, 147.675



36, 4.396, 354.499



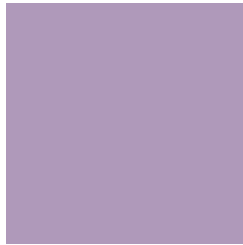
32, 59.551, 17.222



2, 11.334, 359.973

Previews

White Background



This preview shows how the CIELCh color 66, 20.063, 315.405 looks on a white background.

Color Contrast Check

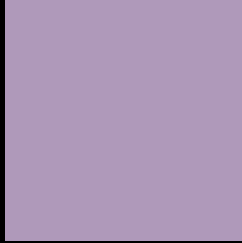
Large Text (above 18pt) WCAG AA × Fail

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, 20.063, 315.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

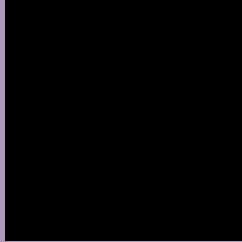
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 20.063, 315.405

Background



This preview shows how black text looks on a background with the CIELCh color 66, 20.063, 315.405.



This preview shows how white text looks on a background with the CIELCh color 66, 20.063, 315.405.

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, 20.063, 315.405

Protanopia

66, 17.237, 286.161

Deuteranopia

66, 16.413, 301.894



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 20.063, 315.405

Protanomaly
66, 17.333, 297.819

Deuteranomaly
66, 17.379, 307.505

Tritanomaly
66, 12.554, 323.562

Monochromacy



Original Color
66, 20.063, 315.405

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 7.326, 314.934

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 20.063, 315.405 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(175, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 186)  
}
```

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(175, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 20.063, 315.405 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(175, 153, 186) }
```

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

```
.border{ border-color:rgb(175, 153, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 153, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 153, 186);  
box-shadow:4px 4px 4px 4px rgb(175, 153,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 20.063, 315.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 186) }
```

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

```
.background{ background-color: rgb(175,  
153, 186) }
```

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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