

Converting Colors

CIELCh(66, 20.015, 313.631)

Have a look what the booklet for
CIELCh(66, 20.015, 313.631)
contains.

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Color

CIELCh(66, 19.923, 314.424)

Conversions

Conversions Part 1

Format	Color
Hex	AE99BA
RGB	174, 153, 186
RGB Percent	68%, 60%, 73%
CMY	0.3177, 0.4000, 0.2706
CMYK	0.06, 0.18, 0.00, 0.27
HSL	278°, 19%, 66%
HSV	278°, 18%, 73%
XYZ	37.7071, 35.3238, 51.2820
YIQ	163.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

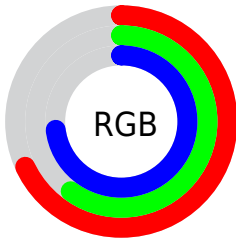
Format	Color
RYB	174, 153, 186
Decimal	11442618
CIELab	66.00, 13.95, -14.23
CIELCh	66, 19.923, 314.424
Yxy	35.3238, 0.3033, 0.2842
Android (android.graphics.Color)	4289632698 (0xFFAE99BA)
YUV	163.0410, 11.3188, 9.6110
Hunter-Lab	59.4338, 9.2380, -9.5542

Details

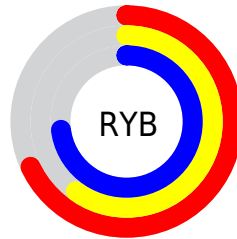
The CIELCh color `66, 19.923, 314.424` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 19.592, 132.921`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 20.145, 314.964`, and `46, 19.904, 313.880` is the 20% darker color. If you saturate the color by 10%, you get `61, 31.443, 314.871`, and if you desaturate by 10%, it is `71, 8.596, 313.984`.

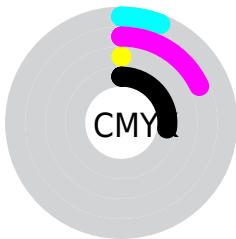
Distribution



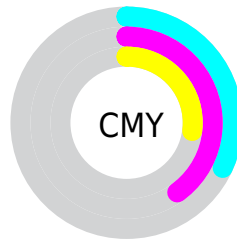
- Red (68%)
- Green (60%)
- Blue (73%)



- Red (68%)
- Yellow (60%)
- Blue (73%)



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





- Cyan (32%)
- Magenta (40%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 19.923, 314.424 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, 19.923, 314.424 by changing the saturation by 10% instead.


 66, 19.923,
314.424


 66, 19.923,
314.424


 100, 19.923,
314.424


 56, 19.923,
314.424


 86, 19.923,
314.424

 46, 19.923,
314.424

 96, 19.923,
314.424

 36, 19.923,
314.424

 26, 19.923,
314.424

 16, 19.923,
314.424

 6, 19.923, 314.424

 0, 19.923, 314.424

66, 19.923,
314.424

66, 19.923,
314.424

61, 31.443,
314.871

71, 8.596, 313.984

56, 43.041,
315.314

77, 2.465, 133.659

82, 13.227,
133.234

51, 54.510,
315.729

88, 23.678,
132.887

46, 65.535,
316.077

93, 33.817,
132.577

42, 75.657,
316.303

96, 38.069,
130.773

38, 84.283,
316.339

96, 37.104,
127.365

35, 90.776,
316.104

97, 36.277,
123.729

33, 94.839,

315.558

97, 35.606,
119.883

33, 95.647,
315.429

Harmonies

Complementary

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



66, 19.923, 314.424



73, 19.592, 132.921

Rectangle

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



66, 19.923, 314.424



66, 19.923, 4.424



66, 19.923, 134.424



66, 19.923, 184.424

Sweetspot

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



66, 19.921, 314.423



92, 6.862, 313.864



67, 12.186, 270.872



49, 4.723, 313.896



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, 19.921, 314.423



82, 29.336, 314.584



67, 20.030, 329.339



36, 6.236, 314.053



27, 83.728, 315.573



2, 16.395, 309.779

Inverse Universe

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



66, 14.343, 353.394



82, 21.154, 353.801



72, 19.985, 147.151



36, 4.470, 352.504



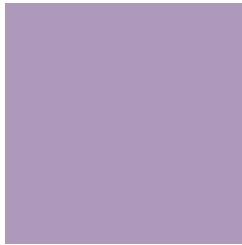
33, 58.993, 14.377



2, 11.457, 358.366

Previews

White Background



This preview shows how the CIELCh color 66, 19.923, 314.424 looks on a white background.

Color Contrast Check

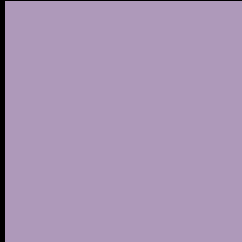
Large Text (above 18pt) WCAG AA × Fail

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, 19.923, 314.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

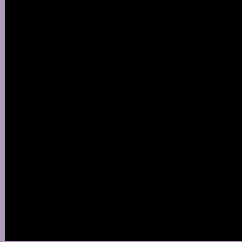
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 19.923, 314.424

Background



This preview shows how black text looks on a background with the CIELCh color 66, 19.923, 314.424.



This preview shows how white text looks on a background with the CIELCh color 66, 19.923, 314.424.

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, 19.923, 314.424

Protanopia

66, 17.237, 286.161

Deuteranopia

66, 15.786, 300.922



Tritanopia
66, 8.784, 331.033

Trichromacy



Original Color
66, 19.923, 314.424

Protanomaly
66, 17.849, 296.546

Deuteranomaly
66, 16.732, 306.794

Tritanomaly
66, 12.831, 320.789

Monochromacy



Original Color
66, 19.923, 314.424

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, 19.923, 314.424 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(174, 153, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 153, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 153, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 19.923, 314.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

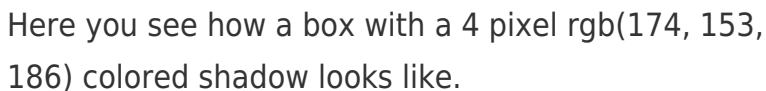
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 153, 186) }
```

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

```
.border{ border-color:rgb(174, 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(174, 153, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 153, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 153, 186); box-shadow:4px 4px 4px 4px rgb(174, 153, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 19.923, 314.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 153, 186) }
```

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

```
.background{ background-color: rgb(174,  
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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