

Converting Colors

CIELCh(66, 24.535, 315.296)

Have a look what the booklet for
CIELCh(66, 24.535, 315.296)
contains.

CIELCh(66, 24.319, 315.815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 24.319, 315.815)

Conversions

Conversions Part 1

Format	Color
Hex	B297BF
RGB	178, 151, 191
RGB Percent	70%, 59%, 75%
CMY	0.3023, 0.4081, 0.2513
CMYK	0.07, 0.21, 0.00, 0.25
HSL	280°, 24%, 67%
HSV	280°, 21%, 75%
XYZ	38.7931, 35.3238, 54.0197
YIQ	163.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

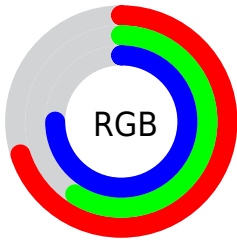
Format	Color
RYB	178, 151, 191
Decimal	11704255
CIELab	66.00, 17.44, -16.95
CIELCh	66, 24.319, 315.815
Yxy	35.3238, 0.3027, 0.2757
Android (android.graphics.Color)	4289894335 (0xFFB297BF)
YUV	163.6330, 13.4919, 12.5999
Hunter-Lab	59.4338, 12.4995, -12.2853

Details

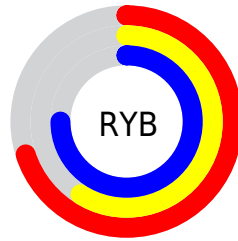
The CIELCh color **66, 24.319, 315.815** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **74, 23.903, 134.004**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 24.337, 316.149**, and **46, 24.555, 315.526** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.191, 316.254**, and if you desaturate by 10%, it is **71, 12.583, 315.376**.

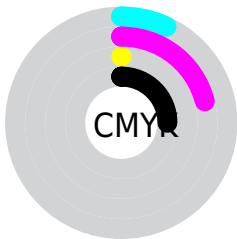
Distribution



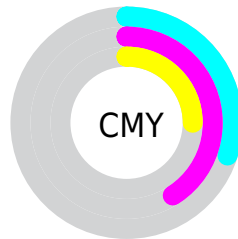
- Red (70%)
- Green (59%)
- Blue (75%)



- Red (70%)
- Yellow (59%)
- Blue (75%)



- Cyan (7%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)





- Cyan (30%)
- Magenta (41%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.319, 315.815 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, 24.319, 315.815 by changing the saturation by 10% instead.


 66, 24.319,
315.815


 66, 24.319,
315.815


 100, 24.319,
315.815


 56, 24.319,
315.815


 86, 24.319,
315.815


 46, 24.319,
315.815

 96, 24.319,
315.815

 36, 24.319,
315.815

 26, 24.319,
315.815

 16, 24.319,
315.815

 6, 24.319, 315.815

 0, 24.319, 315.815

66, 24.319,
315.815

66, 24.319,
315.815

61, 36.191,
316.254

71, 12.583,
315.376

56, 48.042,
316.678

77, 1.084, 314.822

51, 59.611,
317.056

82, 10.126,
134.604

46, 70.515,
317.347

88, 21.025,
134.237

42, 80.231,
317.496

93, 31.604,
133.908

39, 88.139,
317.433

96, 35.718,
132.063


37, 93.667,
317.090

96, 34.795,
128.781

35, 96.798,

97, 33.991,
125.278

316.563

 97, 33.323,
121.568

Harmonies

Complementary

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



66, 24.319, 315.815



74, 23.903, 134.004

Rectangle

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



66, 24.319, 315.815



66, 24.319, 5.815



66, 24.319, 135.815



66, 24.319, 185.815

Sweetspot

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



66, 24.317, 315.815



93, 8.466, 315.162



67, 15.301, 274.113



50, 5.665, 315.192



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, 24.317, 315.815



81, 35.945, 316.011



67, 23.625, 330.657



37, 6.441, 315.306



28, 84.109, 316.703



2, 18.785, 311.533

Inverse Universe

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



66, 17.055, 356.349



81, 25.289, 356.893



74, 23.553, 147.957



37, 4.477, 355.065



33, 60.473, 18.079



3, 12.943, 1.354

Previews

White Background



This preview shows how the CIELCh color 66, 24.319, 315.815 looks on a white background.

Color Contrast Check

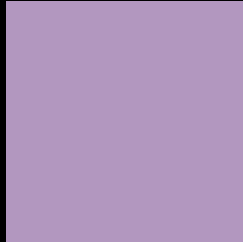
Large Text (above 18pt) WCAG AA × Fail

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, 24.319, 315.815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

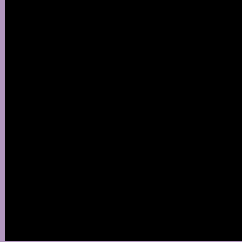
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.319, 315.815

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.319, 315.815.



This preview shows how white text looks on a background with the CIELCh color 66, 24.319, 315.815.

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, 24.319, 315.815

Protanopia
66, 20.589, 285.631

Deuteranopia
66, 18.435, 297.547



Tritanopia
66, 9.853, 337.950

Trichromacy



Original Color
66, 24.319, 315.815

Protanomaly
66, 21.213, 297.049

Deuteranomaly
66, 20.051, 305.472

Tritanomaly
66, 14.551, 323.846

Monochromacy



Original Color
66, 24.319, 315.815

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.144, 315.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.319, 315.815 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(178, 151, 191)` looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 191)  
}
```

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(178, 151, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.319, 315.815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

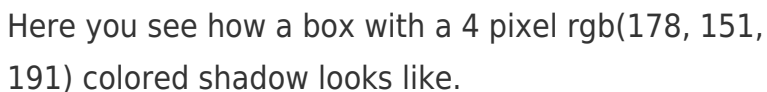
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 151, 191) }
```

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

```
.border{ border-color:rgb(178, 151, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 151, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 151, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 151, 191); box-shadow:4px 4px 4px 4px rgb(178, 151, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.319, 315.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 191) }
```

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

```
.background{ background-color: rgb(178,  
151, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor