

Converting Colors

CIELCh(66, 25.025, 342.332)

Have a look what the booklet for
CIELCh(66, 25.025, 342.332)
contains.

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Color

CIELCh(66, 24.996, 342.283)

Conversions

Conversions Part 1

Format	Color
Hex	C592AF
RGB	197, 146, 175
RGB Percent	77%, 57%, 69%
CMY	0.2291, 0.4290, 0.3154
CMYK	0.00, 0.26, 0.11, 0.23
HSL	326°, 30%, 67%
HSV	326°, 26%, 77%
XYZ	40.8269, 35.3238, 45.0097
YIQ	164.5550, 21.0870, 19.8310

Conversions

Conversions Part 2

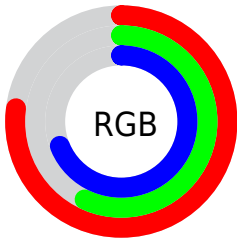
Format	Color
RYB	197, 146, 175
Decimal	12948143
CIELab	66.00, 23.81, -7.61
CIELCh	66, 24.996, 342.283
Yxy	35.3238, 0.3370, 0.2915
Android (android.graphics.Color)	4291138223 (0xFFC592AF)
YUV	164.5550, 5.1494, 28.4543
Hunter-Lab	59.4338, 18.6078, -3.2971

Details

The CIELCh color $66, 24.996, 342.283$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 24.441, 157.903$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 25.270, 341.606$, and $46, 25.217, 342.194$ is the 20% darker color. If you saturate the color by 10%, you get $61, 34.641, 343.288$, and if you desaturate by 10%, it is $71, 15.262, 341.376$.

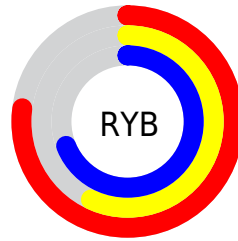
Distribution



Red (77%)

Green (57%)

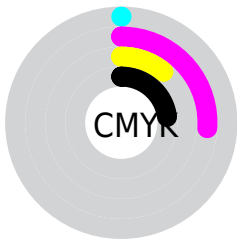
Blue (69%)



Red (77%)

Yellow (57%)

Blue (69%)

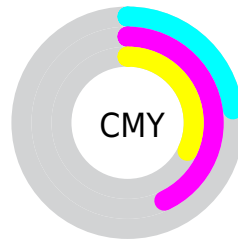


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (43%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.996, 342.283 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, 24.996, 342.283 by changing the saturation by 10% instead.

 66, 24.996,
342.283

 66, 24.996,
342.283

 100, 24.996,
342.283

 56, 24.996,
342.283

 86, 24.996,
342.283

 46, 24.996,
342.283

 96, 24.996,
342.283

 36, 24.996,
342.283

 26, 24.996,
342.283

 16, 24.996,
342.283

 6, 24.996, 342.283

 0, 24.996, 342.283

66, 24.996,
342.283

66, 24.996,
342.283

61, 34.641,
343.288

71, 15.262,
341.376

57, 43.932,
344.422

76, 5.628, 340.516

53, 52.488,
345.733

82, 3.799, 159.932

49, 59.843,
347.287

87, 12.958,
159.168

46, 65.509,
349.183

92, 21.823,
158.514

44, 69.109,
351.542

95, 25.439,
161.298


43, 70.580,
354.500

96, 22.832,
169.704

43, 70.896,

96, 20.779,
179.956

355.814

 96, 19.463,
191.966

Harmonies

Complementary

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



66, 24.996, 342.283



75, 24.441, 157.903

Rectangle

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



66, 24.996, 342.283



66, 24.996, 32.283



66, 24.996, 162.283



66, 24.996, 212.283

Sweetspot

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



66, 24.994, 342.284



95, 9.398, 340.707



64, 29.548, 307.495



50, 6.689, 340.838



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, 24.994, 342.284



80, 36.945, 342.828



65, 20.556, 14.969



39, 5.452, 340.815



35, 61.888, 355.293



4, 18.615, 348.746

Inverse Universe

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



66, 24.994, 342.284



80, 36.945, 342.828



76, 17.769, 190.626



39, 5.452, 340.815



35, 61.888, 355.293



4, 18.615, 348.746

Previews

White Background



This preview shows how the CIELCh color 66, 24.996, 342.283 looks on a white background.

Color Contrast Check

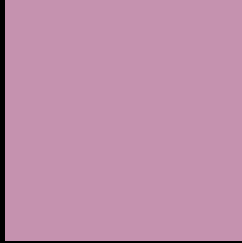
Large Text (above 18pt) WCAG AA × Fail

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, 24.996, 342.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

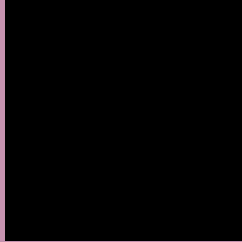
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.996, 342.283

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.996, 342.283.



This preview shows how white text looks on a background with the CIELCh color 66, 24.996, 342.283.

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, 24.996, 342.283

Protanopia

66, 13.315, 288.491

Deuteranopia

66, 11.020, 321.657



Tritanopia
66, 19.513, 1.666

Trichromacy



Original Color
66, 24.996, 342.283

Protanomaly
66, 15.801, 314.845

Deuteranomaly
66, 16.143, 331.993

Tritanomaly
66, 21.346, 354.000

Monochromacy



Original Color
66, 24.996, 342.283

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.475, 340.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.996, 342.283 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(197, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 146, 175)  
}
```

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(197, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 146, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.996, 342.283 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(197, 146, 175) }
```

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

```
.border{ border-color:rgb(197, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 146, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 146, 175); box-shadow:4px 4px 4px 4px rgb(197, 146, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.996, 342.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 146, 175) }
```

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

```
.background{ background-color: rgb(197,  
146, 175) }
```

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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