

Converting Colors

CIELCh(67, 25.703, 316.007)

Have a look what the booklet for
CIELCh(67, 25.703, 316.007)
contains.

CIELCh(67, 25.540, 316.337)	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(67, 25.540, 316.337)

Conversions

Conversions Part 1

Format	Color
Hex	B699C3
RGB	182, 153, 195
RGB Percent	71%, 60%, 76%
CMY	0.2866, 0.4003, 0.2356
CMYK	0.07, 0.22, 0.00, 0.24
HSL	281°, 26%, 68%
HSV	281°, 22%, 76%
XYZ	40.4953, 36.6320, 56.5217
YIQ	166.4590, 3.8020, 19.2100

Conversions

Conversions Part 2

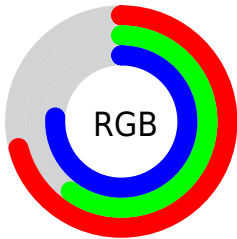
Format	Color
R _Y B	182, 153, 195
Decimal	11966915
CIE Lab	67.00, 18.48, -17.63
CIE LCh	67, 25.540, 316.337
Yxy	36.6320, 0.3030, 0.2741
Android (android.graphics.Color)	4290156995 (0xFFB699C3)
YUV	166.4590, 14.0707, 13.6295
Hunter-Lab	60.5244, 13.5122, -13.0019

Details

The CIELCh color $67, 25.540, 316.337$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 25.115, 134.459$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 25.989, 316.137$, and $47, 25.290, 316.634$ is the 20% darker color. If you saturate the color by 10%, you get $62, 37.644, 316.774$, and if you desaturate by 10%, it is $72, 13.554, 315.898$.

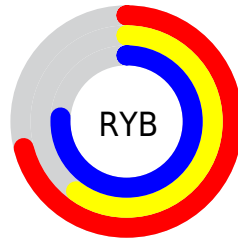
Distribution



Red (71%)

Green (60%)

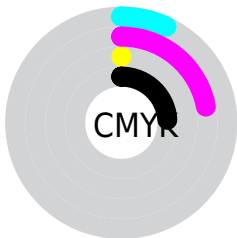
Blue (76%)



Red (71%)

Yellow (60%)

Blue (76%)

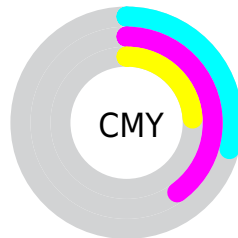


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (29%)


Magenta (40%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.540, 316.337 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 67, 25.540, 316.337 by changing the saturation by 10% instead.


 67, 25.540,
316.337


 67, 25.540,
316.337


 100, 25.540,
316.337


 57, 25.540,
316.337


 87, 25.540,
316.337

 47, 25.540,
316.337

 97, 25.540,
316.337

 37, 25.540,
316.337

 27, 25.540,
316.337

 17, 25.540,
316.337

 7, 25.540, 316.337

 0, 25.540, 316.337

67, 25.540,
316.337

67, 25.540,
316.337

62, 37.644,
316.774

72, 13.554,
315.898

57, 49.694,
317.192

78, 1.798, 315.397

83, 9.670, 135.120

52, 61.412,
317.560

89, 20.823,
134.747

47, 72.390,
317.837

95, 31.651,
134.411

43, 82.089,
317.967

96, 33.416,
131.877

40, 89.880,
317.884


97, 32.535,
128.448

38, 95.213,
317.523

97, 31.776,
124.788

36, 98.025,

317.029

 97, 31.156,
120.916

Harmonies

Complementary

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



67, 25.540, 316.337



76, 25.115, 134.459

Rectangle

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



67, 25.540, 316.337



67, 25.540, 6.337



67, 25.540, 136.337



67, 25.540, 186.337

Sweetspot

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



67, 25.538, 316.337



95, 8.642, 315.657



68, 16.326, 275.497



51, 5.783, 315.687



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 25.538, 316.337



82, 38.163, 316.550



68, 24.427, 331.279



38, 6.610, 315.803



29, 84.865, 317.166



3, 21.147, 312.743

Inverse Universe

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



67, 17.732, 357.490



82, 26.604, 358.099



75, 24.341, 148.453



38, 4.540, 356.123



33, 61.597, 19.580



3, 14.652, 3.000

Previews

White Background



This preview shows how the CIELCh color 67, 25.540, 316.337 looks on a white background.

Color Contrast Check

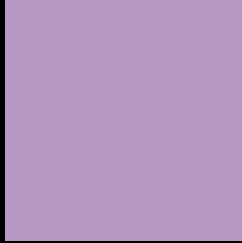
Large Text (above 18pt) WCAG AA × Fail

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 67, 25.540, 316.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

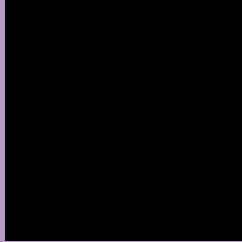
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.540, 316.337

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.540, 316.337.



This preview shows how white text looks on a background with the CIELCh color 67, 25.540, 316.337.

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

67, 25.540, 316.337

Protanopia

67, 21.643, 285.186

Deuteranopia

67, 19.492, 297.302



Tritanopia
67, 10.757, 338.595

Trichromacy



Original Color
67, 25.540, 316.337

Protanomaly
67, 22.240, 296.871

Deuteranomaly
67, 21.159, 305.757

Tritanomaly
67, 15.379, 325.122

Monochromacy



Original Color
67, 25.540, 316.337

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.779, 315.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.540, 316.337 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(182, 153, 195)` looks like.

```
.text, #text, p{  
    color:rgb(182, 153, 195)  
}
```

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(182, 153, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 153, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.540, 316.337 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(182, 153, 195) }
```

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

```
.border{ border-color:rgb(182, 153, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 153, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 153, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 153, 195);  
box-shadow:4px 4px 4px 4px rgb(182, 153,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.540, 316.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 153, 195) }
```

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

```
.background{ background-color: rgb(182,  
153, 195) }
```

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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