

Converting Colors

CIELCh(67, 10.674, 333.911)

Have a look what the booklet for
CIELCh(67, 10.674, 333.911)
contains.

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Color

CIELCh(67, 10.584, 333.509)

Conversions

Conversions Part 1

Format	Color
Hex	B19EAC
RGB	177, 158, 172
RGB Percent	69%, 62%, 67%
CMY	0.3071, 0.3815, 0.3267
CMYK	0.00, 0.11, 0.03, 0.31
HSL	316°, 11%, 66%
HSV	316°, 11%, 69%
XYZ	37.6572, 36.6320, 43.9652
YIQ	165.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

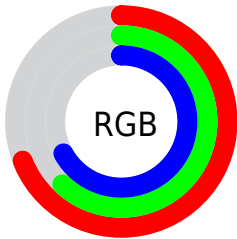
Format	Color
RYB	177, 158, 172
Decimal	11640492
CIELab	67.00, 9.47, -4.72
CIELCh	67, 10.584, 333.509
Yxy	36.6320, 0.3184, 0.3098
Android (android.graphics.Color)	4289830572 (0xFFB19EAC)
YUV	165.2770, 3.3144, 10.2811
Hunter-Lab	60.5244, 5.1419, -0.7016

Details

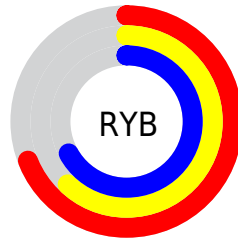
The CIELCh color $67, 10.584, 333.509$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 10.535, 152.137$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 10.292, 334.837$, and $47, 10.325, 332.619$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.534, 334.210$, and if you desaturate by 10%, it is $72, 0.736, 332.482$.

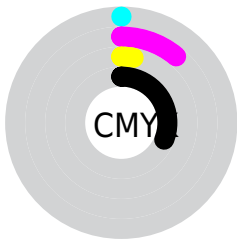
Distribution



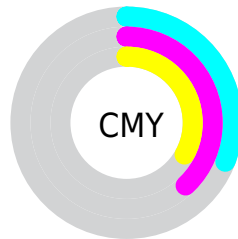
- Red (69%)
- Green (62%)
- Blue (67%)



- Red (69%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.584, 333.509 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, 10.584, 333.509 by changing the saturation by 10% instead.


 67, 10.584,
333.509


 67, 10.584,
333.509


 100, 10.584,
333.509


 57, 10.584,
333.509


 87, 10.584,
333.509

 47, 10.584,
333.509

 97, 10.584,
333.509

 37, 10.584,
333.509

 27, 10.584,
333.509

 17, 10.584,
333.509

 7, 10.584, 333.509

 0, 10.584, 333.509

67, 10.584,
333.509

67, 10.584,
333.509

62, 20.534,
334.210

72, 0.736, 332.482

58, 30.440,
334.939

77, 8.910, 152.304

54, 40.072,
335.708

81, 18.304,
151.703

50, 49.113,
336.527

86, 27.421,
151.145

47, 57.157,
337.414

91, 36.255,
150.620

44, 63.747,
338.394

94, 39.722,
151.466

42, 68.457,
339.510

94, 37.943,
153.839

40, 71.028,

94, 36.217,
156.428

340.815

 94, 34.556,
159.258

 39, 71.874,
342.198

Harmonies

Complementary

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



67, 10.584, 333.509



70, 10.535, 152.137

Rectangle

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



67, 10.584, 333.509



67, 10.584, 23.509



67, 10.584, 153.509



67, 10.584, 203.509

Sweetspot

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



67, 10.582, 333.511



89, 3.635, 332.935



66, 10.713, 300.602



47, 2.753, 333.007



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 10.582, 333.511



84, 15.857, 333.682



67, 7.786, 0.481



35, 5.617, 333.412



34, 64.767, 341.995



2, 12.591, 336.823

Inverse Universe

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



67, 10.582, 333.511



84, 15.857, 333.682



71, 7.511, 178.604



35, 5.617, 333.412



34, 64.767, 341.995



2, 12.591, 336.823

Previews

White Background



This preview shows how the CIELCh color 67, 10.584, 333.509 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 67, 10.584, 333.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

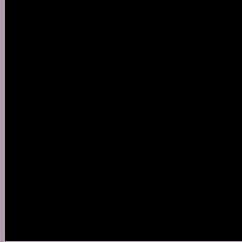
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 10.584, 333.509

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.584, 333.509.



This preview shows how white text looks on a background with the CIELCh color 67, 10.584, 333.509.

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, 10.584, 333.509

Protanopia

67, 6.653, 294.049

Deuteranopia

67, 10.086, 330.277



Tritanopia
67, 9.820, 337.936

Trichromacy



Original Color
67, 10.584, 333.509

Protanomaly
67, 7.824, 313.284

Deuteranomaly
67, 10.331, 331.930

Tritanomaly
67, 10.194, 335.638

Monochromacy



Original Color
67, 10.584, 333.509

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.852, 333.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.584, 333.509 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(177, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(177, 158, 172)  
}
```

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(177, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 158, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.584, 333.509 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(177, 158, 172) }
```

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

```
.border{ border-color:rgb(177, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(177, 158,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.584, 333.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 158, 172) }
```

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

```
.background{ background-color: rgb(177,  
158, 172) }
```

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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