

Converting Colors

CIELCh(69, 6.240, 304.477)

Have a look what the booklet for
CIELCh(69, 6.240, 304.477) contains.

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Color

CIELCh(69, 6.247, 304.479)

Conversions

Conversions Part 1

Format	Color
Hex	ABA7B2
RGB	171, 167, 178
RGB Percent	67%, 65%, 70%
CMY	0.3307, 0.3463, 0.3032
CMYK	0.04, 0.06, 0.00, 0.30
HSL	262°, 7%, 68%
HSV	262°, 6%, 70%
XYZ	38.4890, 39.3444, 47.5158
YIQ	169.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

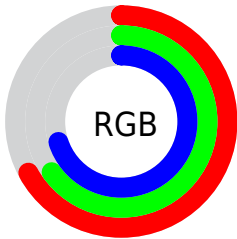
Format	Color
RYB	171, 167, 178
Decimal	11249586
CIELab	69.00, 3.54, -5.15
CIELCh	69, 6.247, 304.479
Yxy	39.3444, 0.3071, 0.3139
Android (android.graphics.Color)	4289439666 (0xFFABA7B2)
YUV	169.4500, 4.2152, 1.3594
Hunter-Lab	62.7251, -0.2388, -1.0061

Details

The CIELCh color $69, 6.247, 304.479$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 6.167, 123.862$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 6.435, 303.319$, and $49, 6.109, 305.875$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.602, 305.050$, and if you desaturate by 10%, it is $75, 3.769, 123.997$.

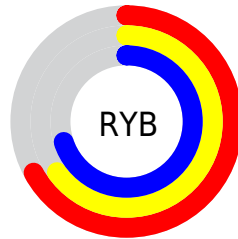
Distribution



Red (67%)

Green (65%)

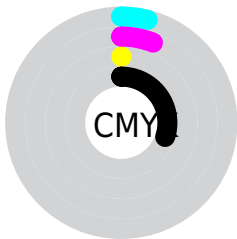
Blue (70%)



Red (67%)

Yellow (65%)

Blue (70%)

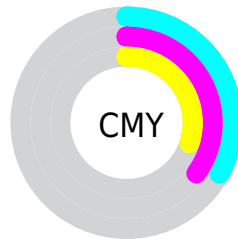


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.247, 304.479 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 69, 6.247, 304.479 by changing the saturation by 10% instead.

■ 69, 6.247, 304.479

■ 69, 6.247, 304.479

■ 100, 6.247,
304.479

■ 59, 6.247, 304.479

■ 89, 6.247, 304.479

■ 49, 6.247, 304.479

■ 99, 6.247, 304.479

■ 39, 6.247, 304.479

■ 29, 6.247, 304.479

■ 19, 6.247, 304.479

■ 9, 6.247, 304.479

■ 0, 6.247, 304.479

■ 69, 6.247, 304.479

■ 69, 6.247, 304.479

■ 63, 16.602,

■ 75, 3.769, 123.997

305.050

80, 13.448,
123.542

58, 27.293,
305.689

86, 22.805,
123.155

52, 38.284,
306.389

91, 31.857,
122.821

47, 49.491,
307.134

96, 40.329,
122.372

42, 60.735,
307.894

97, 39.351,
116.437

37, 71.682,
308.607

98, 38.846,
110.151

32, 81.762,
309.177

98, 38.785,
107.219

28, 90.138,
309.466

26, 95.942,
309.336

Harmonies

Complementary

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



69, 6.247, 304.479



72, 6.167, 123.862

Rectangle

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



69, 6.247, 304.479



69, 6.247, 354.479



69, 6.247, 124.479



69, 6.247, 174.479

Sweetspot

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



69, 6.245, 304.473



91, 2.498, 304.235



71, 3.340, 238.454



49, 1.432, 304.227



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 6.245, 304.473



87, 8.790, 304.525



69, 7.005, 320.536



35, 4.599, 304.544



21, 87.509, 309.397



1, 13.596, 301.072

Inverse Universe

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



69, 5.676, 337.353



88, 7.984, 337.429



71, 6.976, 140.024



36, 4.176, 337.456



33, 60.920, 349.398



2, 11.607, 342.242

Previews

White Background



This preview shows how the CIELCh color 69, 6.247, 304.479 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 69, 6.247, 304.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

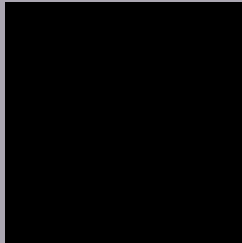
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 6.247, 304.479

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.247, 304.479.

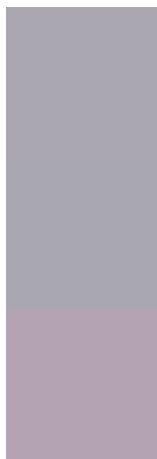


This preview shows how white text looks on a background with the CIELCh color 69, 6.247, 304.479.

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

69, 6.247, 304.479

Protanopia

69, 6.106, 297.730

Deuteranopia

69, 10.455, 328.333



Tritanopia
69, 7.945, 304.333

Trichromacy



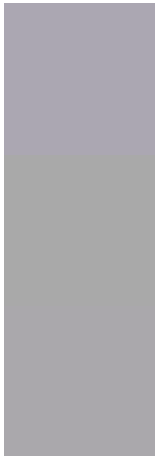
Original Color
69, 6.247, 304.479

Protanomaly
69, 6.166, 301.139

Deuteranomaly
69, 9.141, 322.876

Tritanomaly
69, 7.412, 305.297

Monochromacy



Original Color
69, 6.247, 304.479

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.336, 309.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.247, 304.479 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(171, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 178)  
}
```

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(171, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.247, 304.479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

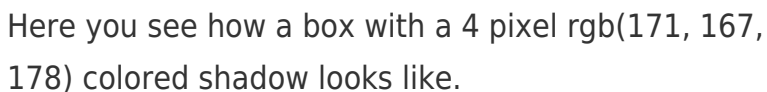
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 167, 178) }
```

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

```
.border{ border-color:rgb(171, 167, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 167, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 167, 178); box-shadow:4px 4px 4px 4px rgb(171, 167, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.247, 304.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 178) }
```

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

```
.background{ background-color: rgb(171,  
167, 178) }
```

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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