

Converting Colors

CIELCh(68, 11.850, 316.998)

Have a look what the booklet for
CIELCh(68, 11.850, 316.998)
contains.

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Color

CIELCh(68, 11.744, 317.316)

Conversions

Conversions Part 1

Format	Color
Hex	AFA1B4
RGB	175, 161, 180
RGB Percent	69%, 63%, 71%
CMY	0.3131, 0.3680, 0.2935
CMYK	0.03, 0.11, 0.00, 0.29
HSL	284°, 11%, 67%
HSV	284°, 11%, 71%
XYZ	38.7350, 37.9720, 48.5457
YIQ	167.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

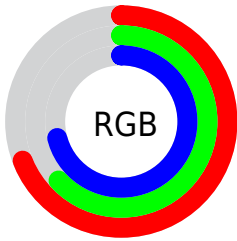
Format	Color
R_{YB}	175, 161, 180
Decimal	11510196
CIE _{Lab}	68.00, 8.63, -7.96
CIE _{LCh}	68, 11.744, 317.316
Yxy	37.9720, 0.3093, 0.3032
Android (android.graphics.Color)	4289700276 (0xFFAFA1B4)
YUV	167.3520, 6.2355, 6.7073
Hunter-Lab	61.6215, 4.3668, -3.5739

Details

The CIELCh color $68, 11.744, 317.316$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 11.653, 136.443$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 11.771, 317.639$, and $48, 12.024, 318.723$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.075, 317.754$, and if you desaturate by 10%, it is $73, 0.610, 316.622$.

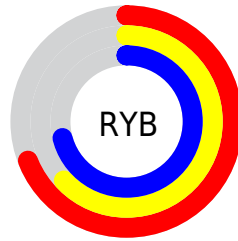
Distribution



Red (69%)

Green (63%)

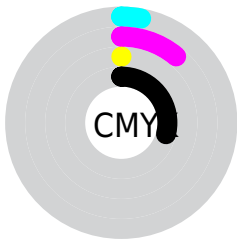
Blue (71%)



Red (69%)

Yellow (63%)

Blue (71%)

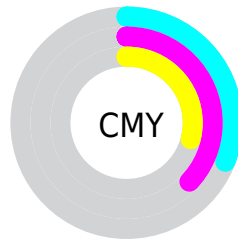


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (31%)


Magenta (37%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.744, 317.316 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 68, 11.744, 317.316 by changing the saturation by 10% instead.


 68, 11.744,
317.316


 68, 11.744,
317.316


 100, 11.744,
317.316


 58, 11.744,
317.316


 88, 11.744,
317.316

 48, 11.744,
317.316

 98, 11.744,
317.316

 38, 11.744,
317.316

 28, 11.744,
317.316

 18, 11.744,
317.316

 8, 11.744, 317.316

 0, 11.744, 317.316

68, 11.744,
317.316

68, 11.744,
317.316

63, 23.075,
317.754

73, 0.610, 316.622

58, 34.503,
318.187

78, 10.261,
136.531

53, 45.853,
318.599

83, 20.840,
136.151

49, 56.862,
318.962

89, 31.115,
135.805

45, 67.156,
319.239

94, 41.087,
135.490

41, 76.244,
319.382

95, 42.493,
133.913


38, 83.573,
319.335


95, 41.713,
131.903

36, 88.660,

96, 40.983,
129.790

319.043

 96, 40.308,
127.575

 35, 91.640,
318.569

Harmonies

Complementary

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



68, 11.744, 317.316



72, 11.653, 136.443

Rectangle

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



68, 11.744, 317.316



68, 11.744, 7.316



68, 11.744, 137.316



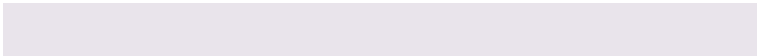
68, 11.744, 187.316

Sweetspot

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



68, 11.742, 317.315



91, 4.113, 316.962



68, 7.853, 277.437



48, 3.117, 317.006



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 11.742, 317.315



85, 17.985, 317.433



68, 10.774, 332.362



35, 6.251, 317.261



29, 81.193, 318.679



2, 14.620, 313.796

Inverse Universe

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



68, 7.803, 359.508



85, 11.992, 359.799



72, 10.733, 151.048



35, 4.148, 359.376



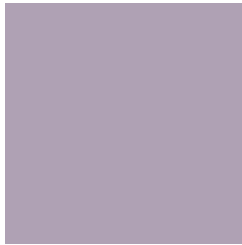
32, 60.693, 23.438



2, 9.582, 3.001

Previews

White Background



This preview shows how the CIELCh color 68, 11.744, 317.316 looks on a white background.

Color Contrast Check

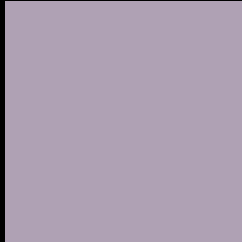
Large Text (above 18pt) WCAG AA × Fail

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 68, 11.744, 317.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

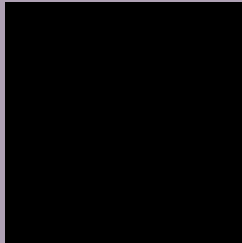
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 11.744, 317.316

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.744, 317.316.



This preview shows how white text looks on a background with the CIELCh color 68, 11.744, 317.316.

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


68, 11.744, 317.316

Protanopia

68, 9.369, 288.919

Deuteranopia

68, 11.744, 317.316



Tritanopia
68, 8.498, 322.698

Trichromacy



Original Color
68, 11.744, 317.316

Protanomaly
68, 9.509, 299.965

Deuteranomaly
68, 11.744, 317.316

Tritanomaly
68, 9.445, 319.160

Monochromacy



Original Color
68, 11.744, 317.316

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.311, 316.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.744, 317.316 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(175, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 180)  
}
```

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(175, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.744, 317.316 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(175, 161, 180) }
```

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

```
.border{ border-color:rgb(175, 161, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.744, 317.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 180) }
```

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

```
.background{ background-color: rgb(175,  
161, 180) }
```

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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