

Converting Colors

CIELCh(64, 13.759, 330.424)

Have a look what the booklet for
CIELCh(64, 13.759, 330.424)
contains.

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Color

CIELCh(64, 13.758, 330.424)

Conversions

Conversions Part 1

Format	Color
Hex	AB94A7
RGB	171, 148, 167
RGB Percent	67%, 58%, 65%
CMY	0.3279, 0.4181, 0.3436
CMYK	0.00, 0.13, 0.02, 0.33
HSL	310°, 12%, 63%
HSV	310°, 13%, 67%
XYZ	34.5364, 32.8017, 41.2545
YIQ	157.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

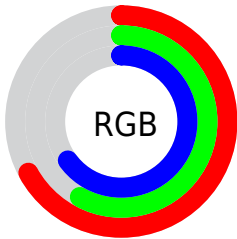
Format	Color
R_{YB}	171, 148, 167
Decimal	11244711
CIE _{Lab}	64.00, 11.97, -6.79
CIE _{LCh}	64, 13.758, 330.424
Yxy	32.8017, 0.3180, 0.3021
Android (android.graphics.Color)	4289434791 (0xFFAB94A7)
YUV	157.0430, 4.9088, 12.2403
Hunter-Lab	57.2727, 7.4111, -2.6166

Details

The CIELCh color $64, 13.758, 330.424$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 13.717, 148.785$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 13.678, 330.012$, and $44, 14.008, 330.980$ is the 20% darker color. If you saturate the color by 10%, you get $60, 24.079, 331.057$, and if you desaturate by 10%, it is $69, 3.488, 329.762$.

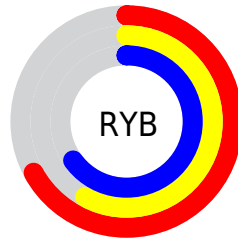
Distribution



Red (67%)

Green (58%)

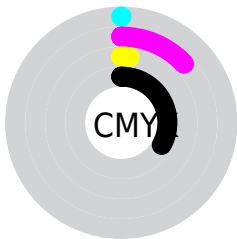
Blue (65%)



Red (67%)

Yellow (58%)

Blue (65%)

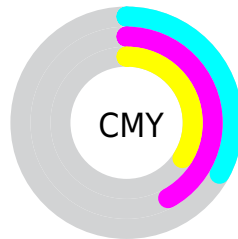


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (33%)



Cyan (33%)


Magenta (42%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 13.758, 330.424 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 64, 13.758, 330.424 by changing the saturation by 10% instead.

 64, 13.758,
330.424


 64, 13.758,
330.424


 100, 13.758,
330.424


 54, 13.758,
330.424


 84, 13.758,
330.424

 44, 13.758,
330.424

 94, 13.758,
330.424

 34, 13.758,
330.424

 24, 13.758,
330.424

 14, 13.758,
330.424

 4, 13.758, 330.424

 0, 13.758, 330.424

64, 13.758,
330.424

64, 13.758,
330.424

60, 24.079,
331.057

69, 3.488, 329.762

55, 34.279,
331.701

73, 6.609, 149.298

52, 44.101,
332.357

78, 16.468,
148.715

48, 53.200,
333.025

83, 26.053,
148.177

45, 61.160,
333.708

87, 35.348,
147.669

42, 67.536,
334.415

92, 44.355,
147.190

41, 71.955,
335.165

93, 45.376,
148.002

39, 74.239,

93, 44.187,
149.228

335.986

 94, 43.012,
150.518

 39, 74.978,
336.558

Harmonies

Complementary

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



64, 13.758, 330.424



68, 13.717, 148.785

Rectangle

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



64, 13.758, 330.424



64, 13.758, 20.424



64, 13.758, 150.424



64, 13.758, 200.424

Sweetspot

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



64, 13.756, 330.425



86, 5.028, 329.813



62, 13.013, 297.738



46, 3.603, 329.867



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 13.756, 330.425



79, 20.253, 330.605



64, 9.921, 354.927



34, 5.843, 330.165



34, 68.219, 336.454



2, 11.708, 331.958

Inverse Universe

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



64, 13.756, 330.425



79, 20.253, 330.605



68, 9.593, 172.505



34, 5.843, 330.165



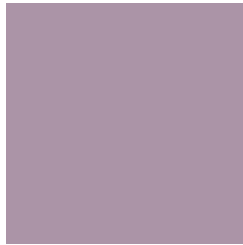
34, 68.219, 336.454



2, 11.708, 331.958

Previews

White Background



This preview shows how the CIELCh color 64, 13.758, 330.424 looks on a white background.

Color Contrast Check

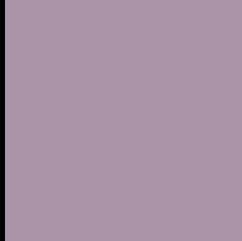
Large Text (above 18pt) WCAG AA × Fail

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 64, 13.758, 330.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

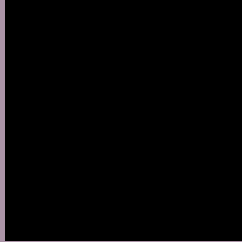
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.758, 330.424

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.758, 330.424.



This preview shows how white text looks on a background with the CIELCh color 64, 13.758, 330.424.

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

64, 13.758, 330.424

Protanopia

64, 9.487, 288.987

Deuteranopia

64, 10.415, 321.430



Tritanopia
64, 10.500, 340.920

Trichromacy



Original Color
64, 13.758, 330.424

Protanomaly
64, 10.523, 307.595

Deuteranomaly
64, 11.498, 324.970

Tritanomaly
64, 11.502, 337.884

Monochromacy



Original Color
64, 13.758, 330.424

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.977, 328.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.758, 330.424 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, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(171, 148, 167)  
}
```

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, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 148, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.758, 330.424 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, 148, 167) }
```

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

```
.border{ border-color:rgb(171, 148, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 148, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(171, 148,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.758, 330.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 148, 167) }
```

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

```
.background{ background-color: rgb(171,  
148, 167) }
```

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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