

Converting Colors

CIELCh(64, 7.874, 300.902)

Have a look what the booklet for
CIELCh(64, 7.874, 300.902) contains.

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Color

CIELCh(64, 7.982, 301.757)

Conversions

Conversions Part 1

Format	Color
Hex	9D99A7
RGB	157, 153, 167
RGB Percent	62%, 60%, 65%
CMY	0.3838, 0.3995, 0.3446
CMYK	0.06, 0.08, 0.00, 0.34
HSL	257°, 7%, 63%
HSV	257°, 8%, 66%
XYZ	32.3304, 32.8017, 41.2513
YIQ	155.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

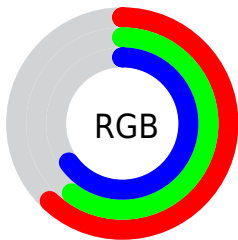
Format	Color
R_{YB}	157, 153, 167
Decimal	10328487
CIE _{Lab}	64.00, 4.20, -6.79
CIE _{LCh}	64, 7.982, 301.757
Yxy	32.8017, 0.3039, 0.3083
Android (android.graphics.Color)	4288518567 (0xFF9D99A7)
YUV	155.7920, 5.5255, 1.0594
Hunter-Lab	57.2727, 0.5359, -2.6134

Details

The CIELCh color $64, 7.982, 301.757$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.845, 120.786$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.144, 303.414$, and $44, 7.988, 302.721$ is the 20% darker color. If you saturate the color by 10%, you get $59, 17.813, 302.426$, and if you desaturate by 10%, it is $69, 1.509, 121.194$.

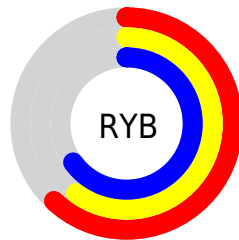
Distribution



Red (62%)

Green (60%)

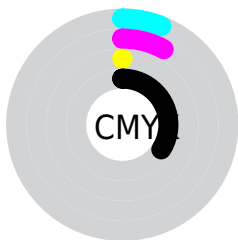
Blue (65%)



Red (62%)

Yellow (60%)

Blue (65%)

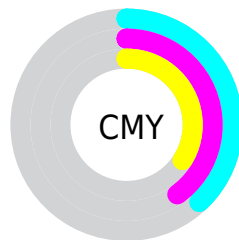


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 7.982, 301.757 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, 7.982, 301.757 by changing the saturation by 10% instead.

■ 64, 7.982, 301.757

■ 64, 7.982, 301.757

■ 100, 7.982,
301.757

■ 54, 7.982, 301.757

■ 84, 7.982, 301.757

■ 44, 7.982, 301.757

■ 94, 7.982, 301.757

■ 34, 7.982, 301.757

■ 24, 7.982, 301.757

■ 14, 7.982, 301.757

■ 4, 7.982, 301.757

■ 0, 7.982, 301.757

■ 64, 7.982, 301.757

■ 64, 7.982, 301.757

■ 59, 17.813,

■ 69, 1.509, 121.194

302.426

75, 10.668,
120.662

53, 27.989,
303.186

80, 19.511,
120.217

48, 38.486,
304.031

85, 28.057,
119.834

42, 49.232,
304.949

91, 36.324,
119.504

37, 60.062,
305.905

96, 44.329,
119.220

32, 70.642,
306.833

97, 44.309,
114.008

28, 80.372,
307.616

98, 43.935,
108.019

25, 88.340,
308.090

98, 43.923,
106.822

22, 93.917,
308.178

Harmonies

Complementary

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



64, 7.982, 301.757



68, 7.845, 120.786

Rectangle

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



64, 7.982, 301.757



64, 7.982, 351.757



64, 7.982, 121.757



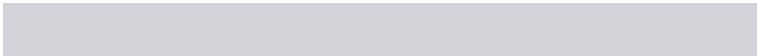
64, 7.982, 171.757

Sweetspot

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



64, 7.980, 301.753



85, 3.504, 301.421



66, 4.279, 230.149



45, 2.680, 301.471



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 7.980, 301.753



80, 11.807, 301.868



65, 8.867, 318.649



33, 5.430, 301.811



19, 86.544, 308.300



1, 9.716, 299.748

Inverse Universe

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



65, 7.743, 334.226



81, 11.436, 334.355



67, 8.817, 137.959



33, 5.264, 334.291



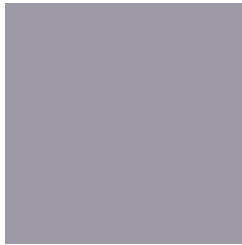
33, 62.276, 343.483



2, 9.044, 336.779

Previews

White Background



This preview shows how the CIELCh color 64, 7.982, 301.757 looks on a white background.

Color Contrast Check

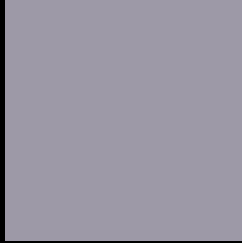
Large Text (above 18pt) WCAG AA × Fail

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 64, 7.982, 301.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

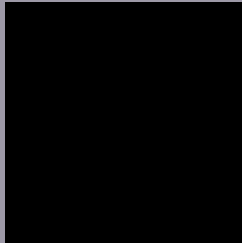
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

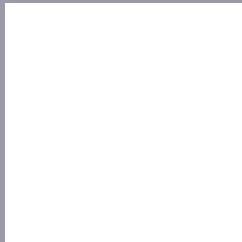
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 7.982, 301.757

Background



This preview shows how black text looks on a background with the CIELCh color 64, 7.982, 301.757.

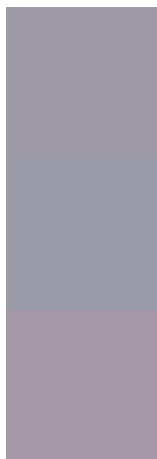


This preview shows how white text looks on a background with the CIELCh color 64, 7.982, 301.757.

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, 7.982, 301.757

Protanopia

64, 7.814, 291.020

Deuteranopia

64, 10.718, 318.157



Tritanopia
64, 7.435, 302.530

Trichromacy



Original Color
64, 7.982, 301.757

Protanomaly
64, 7.828, 293.727

Deuteranomaly
64, 9.727, 313.687

Tritanomaly
64, 7.435, 302.530

Monochromacy



Original Color
64, 7.982, 301.757

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.823, 298.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 7.982, 301.757 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(157, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(157, 153, 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(157, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 153, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 7.982, 301.757 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(157, 153, 167) }
```

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

```
.border{ border-color:rgb(157, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(157, 153,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 7.982, 301.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 153, 167) }
```

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

```
.background{ background-color: rgb(157,  
153, 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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