

Converting Colors

CIELCh(64, 9.140, 302.804)

Have a look what the booklet for
CIELCh(64, 9.140, 302.804) contains.

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Color

CIELCh(64, 9.151, 302.807)

Conversions

Conversions Part 1

Format	Color
Hex	9E99A9
RGB	158, 153, 169
RGB Percent	62%, 60%, 66%
CMY	0.3814, 0.4009, 0.3382
CMYK	0.07, 0.09, 0.00, 0.34
HSL	259°, 8%, 63%
HSV	259°, 9%, 66%
XYZ	32.5413, 32.8017, 42.0296
YIQ	156.3190, -2.1560, 6.0360

Conversions

Conversions Part 2

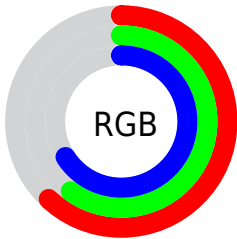
Format	Color
R_{YB}	158, 153, 169
Decimal	10394025
CIE _{Lab}	64.00, 4.96, -7.69
CIE _{LCh}	64, 9.151, 302.807
Yxy	32.8017, 0.3031, 0.3055
Android (android.graphics.Color)	4288584105 (0xFF9E99A9)
YUV	156.3190, 6.2517, 1.4742
Hunter-Lab	57.2727, 1.1930, -3.4190

Details

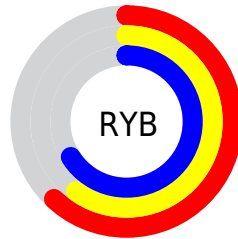
The CIELCh color $64, 9.151, 302.807$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.983, 121.752$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.254, 304.176$, and $44, 9.244, 303.741$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.126, 303.453$, and if you desaturate by 10%, it is $69, 0.487, 122.334$.

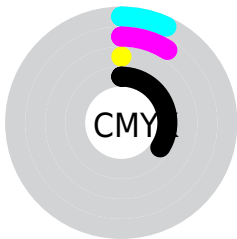
Distribution



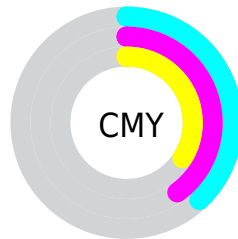
- Red (62%)
- Green (60%)
- Blue (66%)



- Red (62%)
- Yellow (60%)
- Blue (66%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.151, 302.807 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, 9.151, 302.807 by changing the saturation by 10% instead.

■ 64, 9.151, 302.807

■ 64, 9.151, 302.807

■ 100, 9.151,
302.807

■ 54, 9.151, 302.807

■ 84, 9.151, 302.807

■ 44, 9.151, 302.807

■ 94, 9.151, 302.807

■ 34, 9.151, 302.807

■ 24, 9.151, 302.807

■ 14, 9.151, 302.807

■ 4, 9.151, 302.807

■ 0, 9.151, 302.807

■ 64, 9.151, 302.807

■ 64, 9.151, 302.807

■ 59, 19.126,

■ 69, 0.487, 122.334

303.453

75, 9.792, 121.746

53, 29.437,
304.182

80, 18.779,
121.311

48, 40.050,
304.985

86, 27.466,
120.937

42, 50.877,
305.846

91, 35.871,
120.614

37, 61.727,
306.728

96, 44.010,
120.336

33, 72.233,
307.559

97, 43.630,
115.048

28, 81.758,
308.222

98, 43.180,
109.168

25, 89.389,
308.556

98, 43.140,
106.883

22, 94.757,
308.547

Harmonies

Complementary

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



64, 9.151, 302.807



68, 8.983, 121.752

Rectangle

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



64, 9.151, 302.807



64, 9.151, 352.807



64, 9.151, 122.807



64, 9.151, 172.807

Sweetspot

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



64, 9.149, 302.803



85, 3.551, 302.418



67, 4.860, 232.347



45, 2.690, 302.465



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, 9.149, 302.803



80, 13.181, 302.910



65, 10.168, 319.204



33, 5.450, 302.792



19, 86.145, 308.656



1, 9.744, 300.624

Inverse Universe

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



65, 8.669, 335.400



81, 12.469, 335.527



68, 10.112, 138.399



33, 5.164, 335.386



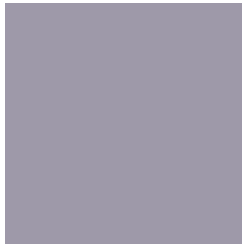
32, 61.227, 345.404



2, 8.856, 338.082

Previews

White Background



This preview shows how the CIELCh color 64, 9.151, 302.807 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, 9.151, 302.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

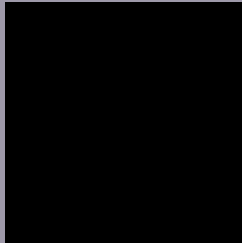
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 9.151, 302.807

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.151, 302.807.



This preview shows how white text looks on a background with the CIELCh color 64, 9.151, 302.807.

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, 9.151, 302.807

Protanopia

64, 8.929, 291.136

Deuteranopia

64, 11.214, 316.860



Tritanopia
64, 6.890, 303.436

Trichromacy



Original Color
64, 9.151, 302.807

Protanomaly
64, 8.942, 293.493

Deuteranomaly
64, 10.241, 312.495

Tritanomaly
64, 7.435, 302.530

Monochromacy



Original Color
64, 9.151, 302.807

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.443, 303.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.151, 302.807 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(158, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(158, 153, 169)  
}
```

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(158, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 153, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.151, 302.807 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(158, 153, 169) }
```

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

```
.border{ border-color:rgb(158, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(158, 153,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.151, 302.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 153, 169) }
```

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

```
.background{ background-color: rgb(158,  
153, 169) }
```

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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