

Converting Colors

CIELCh(64, 9.873, 307.172)

Have a look what the booklet for
CIELCh(64, 9.873, 307.172) contains.

CIELCh(64, 9.990, 308.483)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 9.990, 308.483)

Conversions

Conversions Part 1

Format	Color
Hex	A098A9
RGB	160, 152, 169
RGB Percent	63%, 60%, 66%
CMY	0.3725, 0.4038, 0.3372
CMYK	0.05, 0.10, 0.00, 0.34
HSL	268°, 9%, 63%
HSV	268°, 10%, 66%
XYZ	32.8938, 32.8017, 42.1411
YIQ	156.3300, -0.6890, 6.9830

Conversions

Conversions Part 2

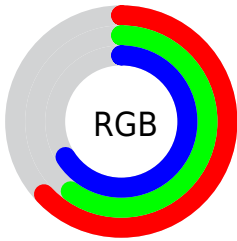
Format	Color
R_{YB}	160, 152, 169
Decimal	10524841
CIE Lab	64.00, 6.22, -7.82
CIE LCh	64, 9.990, 308.483
Yxy	32.8017, 0.3050, 0.3042
Android (android.graphics.Color)	4288714921 (0xFFA098A9)
YUV	156.3300, 6.2463, 3.2186
Hunter-Lab	57.2727, 2.2916, -3.5345

Details

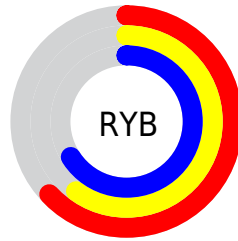
The CIELCh color $64, 9.990, 308.483$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.839, 127.593$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.069, 309.414$, and $44, 10.155, 309.653$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.205, 308.986$, and if you desaturate by 10%, it is $69, 0.064, 306.533$.

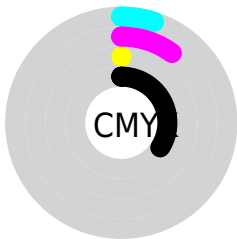
Distribution



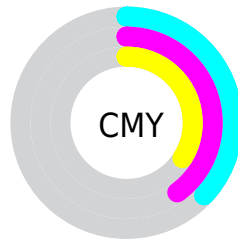
- Red (63%)
- Green (60%)
- Blue (66%)



- Red (63%)
- Yellow (60%)
- Blue (66%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (34%)



- Cyan (37%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.990, 308.483 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, 9.990, 308.483 by changing the saturation by 10% instead.

■ 64, 9.990, 308.483

■ 64, 9.990, 308.483

■ 100, 9.990,
308.483

■ 54, 9.990, 308.483

■ 84, 9.990, 308.483

■ 44, 9.990, 308.483

■ 94, 9.990, 308.483

■ 34, 9.990, 308.483

■ 24, 9.990, 308.483

■ 14, 9.990, 308.483

■ 4, 9.990, 308.483

■ 0, 9.990, 308.483

■ 64, 9.990, 308.483

■ 64, 9.990, 308.483

■ 59, 20.205,

■ 69, 0.064, 306.533

308.986

74, 9.557, 127.638

54, 30.681,
309.528

80, 18.876,
127.272

49, 41.339,
310.095

85, 27.903,
126.952

44, 52.035,
310.664

90, 36.649,
126.674

39, 62.516,
311.190

95, 45.129,
126.432

35, 72.366,
311.608

96, 44.913,
122.853

31, 80.976,
311.822

97, 44.035,
118.682

28, 87.604,
311.715

97, 43.413,
114.293

25, 92.212,
311.322

Harmonies

Complementary

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



64, 9.990, 308.483



68, 9.839, 127.593

Rectangle

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



64, 9.990, 308.483



64, 9.990, 358.483



64, 9.990, 128.483



64, 9.990, 178.483

Sweetspot

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



64, 9.988, 308.481



86, 3.651, 308.135



66, 5.463, 253.035



45, 2.765, 308.177



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, 9.988, 308.481



80, 14.777, 308.586



65, 11.352, 324.052



33, 5.595, 308.443



22, 83.497, 311.445



1, 9.957, 305.680

Inverse Universe

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



65, 8.247, 342.861



81, 12.192, 343.051



68, 11.329, 143.012



33, 4.621, 342.793



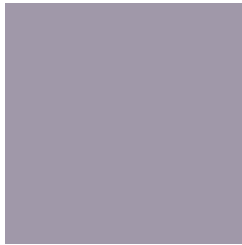
31, 56.924, 358.475



2, 7.937, 346.069

Previews

White Background



This preview shows how the CIELCh color 64, 9.990, 308.483 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, 9.990, 308.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

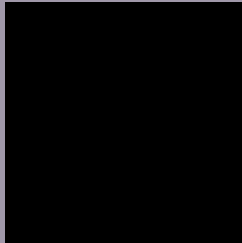
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 9.990, 308.483

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.990, 308.483.



This preview shows how white text looks on a background with the CIELCh color 64, 9.990, 308.483.

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, 9.990, 308.483

Protanopia

64, 8.931, 288.784

Deuteranopia

64, 11.214, 316.860



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 9.990, 308.483

Protanomaly
64, 9.576, 297.820

Deuteranomaly
64, 11.056, 315.092

Tritanomaly
64, 7.627, 308.057

Monochromacy



Original Color
64, 9.990, 308.483

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, 9.990, 308.483 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(160, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 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(160, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.990, 308.483 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(160, 152, 169) }
```

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

```
.border{ border-color:rgb(160, 152, 169) }
```

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

Here you see how a box with a 4 pixel rgb(160, 152, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.990, 308.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 152, 169) }
```

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

```
.background{ background-color: rgb(160,  
152, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor