

Converting Colors

CIELCh(64, 10.511, 307.592)

Have a look what the booklet for
CIELCh(64, 10.511, 307.592)
contains.

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Color

CIELCh(64, 10.523, 307.595)

Conversions

Conversions Part 1

Format	Color
Hex	A098AA
RGB	160, 152, 170
RGB Percent	63%, 60%, 67%
CMY	0.3728, 0.4042, 0.3336
CMYK	0.06, 0.11, 0.00, 0.33
HSL	267°, 10%, 63%
HSV	267°, 11%, 67%
XYZ	32.9509, 32.8017, 42.5918
YIQ	156.4440, -1.0100, 7.2940

Conversions

Conversions Part 2

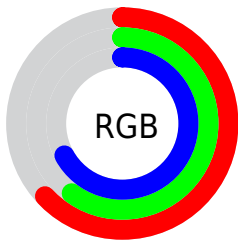
Format	Color
RYB	160, 152, 170
Decimal	10524842
CIELab	64.00, 6.42, -8.34
CIElCh	64, 10.523, 307.595
Yxy	32.8017, 0.3041, 0.3028
Android (android.graphics.Color)	4288714922 (0xFFA098AA)
YUV	156.4440, 6.6831, 3.1186
Hunter-Lab	57.2727, 2.4698, -4.0010

Details

The CIELCh color `64, 10.523, 307.595` is a light color, and the websafe version is hex `999999`. A complement of this color would be `69, 10.349, 126.624`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 10.570, 308.520`, and `44, 10.614, 306.622` is the 20% darker color. If you saturate the color by 10%, you get `59, 20.759, 308.119`, and if you desaturate by 10%, it is `69, 0.585, 306.978`.

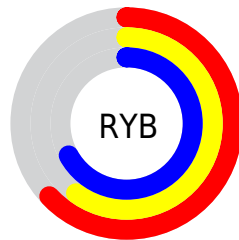
Distribution



Red (63%)

Green (60%)

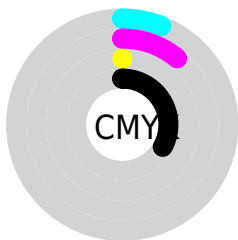
Blue (67%)



Red (63%)

Yellow (60%)

Blue (67%)

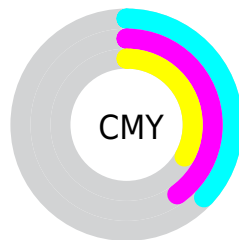


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (33%)



Cyan (37%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 10.523, 307.595 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, 10.523, 307.595 by changing the saturation by 10% instead.

■ 64, 10.523,
307.595

■ 64, 10.523,
307.595

■ 100, 10.523,
307.595

■ 54, 10.523,
307.595

■ 84, 10.523,
307.595

■ 44, 10.523,
307.595

■ 94, 10.523,
307.595

■ 34, 10.523,
307.595

■ 24, 10.523,
307.595

■ 14, 10.523,
307.595

■ 4, 10.523, 307.595

■ 0, 10.523, 307.595

64, 10.523,
307.595

64, 10.523,
307.595

59, 20.759,
308.119

69, 0.585, 306.978

54, 31.268,
308.688

75, 9.041, 126.717

48, 41.976,
309.289

80, 18.360,
126.340

43, 52.742,
309.896

85, 27.382,
126.012

39, 63.313,
310.466

90, 36.123,
125.727

34, 73.267,
310.930

95, 44.595,
125.481


30, 81.972,
311.186


96, 44.121,
121.475

27, 88.649,

97, 43.294,
116.937

311.110

 98, 42.767,
112.176

 25, 93.099,
310.775

Harmonies

Complementary

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



64, 10.523, 307.595



69, 10.349, 126.624

Rectangle

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



64, 10.523, 307.595



64, 10.523, 357.595



64, 10.523, 127.595



64, 10.523, 177.595

Sweetspot

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



64, 10.521, 307.593



86, 3.666, 307.211



66, 5.654, 249.195



46, 2.803, 307.254



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, 10.521, 307.593



80, 16.106, 307.728



65, 11.890, 323.150



33, 5.567, 307.526



21, 83.956, 310.902



1, 9.916, 304.859

Inverse Universe

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



65, 8.886, 341.561



81, 13.585, 341.788



68, 11.858, 142.095



33, 4.705, 341.449



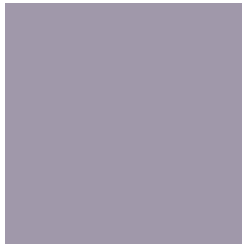
32, 57.382, 356.130



2, 8.067, 344.726

Previews

White Background



This preview shows how the CIELCh color 64, 10.523, 307.595 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, 10.523, 307.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

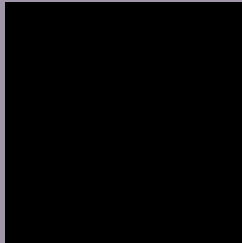
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 10.523, 307.595

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.523, 307.595.



This preview shows how white text looks on a background with the CIELCh color 64, 10.523, 307.595.

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, 10.523, 307.595

Protanopia

64, 9.487, 288.987

Deuteranopia

64, 11.565, 313.975



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 10.523, 307.595

Protanomaly
64, 10.130, 297.498

Deuteranomaly
64, 11.426, 312.234

Tritanomaly
64, 8.161, 306.923

Monochromacy



Original Color
64, 10.523, 307.595

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, 10.523, 307.595 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.523, 307.595 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, 170) }
```

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

```
.border{ border-color:rgb(160, 152, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 170);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.523, 307.595 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, 170) }
```

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

```
.background{ background-color: rgb(160,  
152, 170) }
```

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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