

Converting Colors

CIELCh(64, 12.675, 304.844)

Have a look what the booklet for
CIELCh(64, 12.675, 304.844)
contains.

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Color

CIELCh(64, 12.675, 304.844)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A098AE |
| RGB | 160, 152, 174 |
| RGB Percent | 63%, 60%, 68% |
| CMY | 0.3741, 0.4055, 0.3192 |
| CMYK | 0.08, 0.13, 0.00, 0.32 |
| HSL | 262°, 12%, 64% |
| HSV | 262°, 13%, 68% |
| XYZ | 33.1828, 32.8017, 44.4210 |
| YIQ | 156.9000, -2.2940, 8.5380 |

Conversions

Conversions Part 2

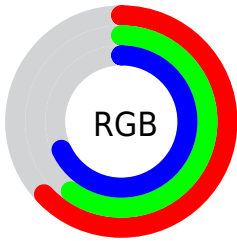
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 160, 152, 174 |
| Decimal | 10524846 |
| CIE _{Lab} | 64.00, 7.24, -10.40 |
| CIE _{LCh} | 64, 12.675, 304.844 |
| Yxy | 32.8017, 0.3006, 0.2971 |
| Android (android.graphics.Color) | 4288714926 (0xFFA098AE) |
| YUV | 156.9000, 8.4303, 2.7187 |
| Hunter-Lab | 57.2727, 3.1924, -5.8947 |

Details

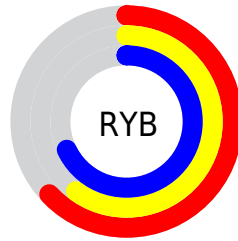
The CIELCh color $64, 12.675, 304.844$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 12.396, 123.524$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.595, 305.696$, and $44, 12.938, 304.012$ is the 20% darker color. If you saturate the color by 10%, you get $59, 23.049, 305.457$, and if you desaturate by 10%, it is $69, 2.630, 304.277$.

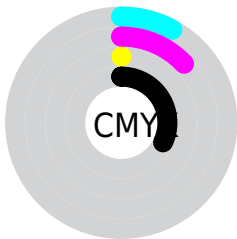
Distribution



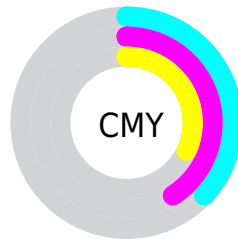
- Red (63%)
- Green (60%)
- Blue (68%)



- Red (63%)
- Yellow (60%)
- Blue (68%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (32%)



- Cyan (37%)
- Magenta (41%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 12.675, 304.844 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, 12.675, 304.844 by changing the saturation by 10% instead.

 64, 12.675,
304.844

 64, 12.675,
304.844

 100, 12.675,
304.844


 54, 12.675,
304.844


 84, 12.675,
304.844

 44, 12.675,
304.844

 94, 12.675,
304.844

 34, 12.675,
304.844

 24, 12.675,
304.844

 14, 12.675,
304.844

 4, 12.675, 304.844

 0, 12.675, 304.844

64, 12.675,
304.844

64, 12.675,
304.844

59, 23.049,
305.457

69, 2.630, 304.277

53, 33.736,
306.134

75, 7.080, 123.829

48, 44.671,
306.865

80, 16.465,
123.403

42, 55.719,
307.623

86, 25.541,
123.036

37, 66.617,
308.361

91, 34.322,
122.719

33, 76.899,
308.996

96, 42.404,
122.222


29, 85.837,
309.404


97, 41.430,
116.705

26, 92.514,

98, 40.885,
110.869

309.434

 98, 40.781,
107.065

 24, 96.158,
309.295

Harmonies

Complementary

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



64, 12.675, 304.844



70, 12.396, 123.524

Rectangle

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



64, 12.675, 304.844



64, 12.675, 354.844



64, 12.675, 124.844



64, 12.675, 174.844

Sweetspot

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



64, 12.673, 304.842



87, 4.912, 304.358



67, 6.633, 239.057



46, 3.523, 304.399



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 12.673, 304.842



80, 18.742, 304.996



65, 14.141, 320.847



34, 5.629, 304.649



20, 86.422, 309.413



1, 11.611, 301.669

Inverse Universe

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



65, 11.463, 337.865



81, 16.913, 338.069



69, 14.070, 139.677



34, 5.104, 337.603



33, 60.189, 349.362



2, 9.994, 341.486

Previews

White Background



This preview shows how the CIELCh color 64, 12.675, 304.844 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, 12.675, 304.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

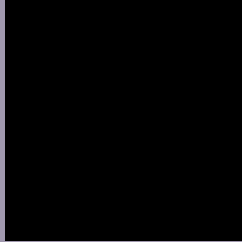
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 12.675, 304.844

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.675, 304.844.



This preview shows how white text looks on a background with the CIELCh color 64, 12.675, 304.844.

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, 12.675, 304.844

Protanopia

64, 11.725, 287.898

Deuteranopia

64, 13.418, 307.393



Tritanopia
64, 6.984, 306.443

Trichromacy



Original Color
64, 12.675, 304.844

Protanomaly
64, 11.762, 294.976

Deuteranomaly
64, 13.320, 305.861

Tritanomaly
64, 9.347, 307.296

Monochromacy



Original Color
64, 12.675, 304.844

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 4.618, 304.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.675, 304.844 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(160, 152, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 152, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.675, 304.844 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, 174) }
```

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

```
.border{ border-color:rgb(160, 152, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 152, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 152, 174);  
box-shadow:4px 4px 4px 4px rgb(160, 152,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.675, 304.844 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, 174) }
```

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

```
.background{ background-color: rgb(160,  
152, 174) }
```

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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