

Converting Colors

CIELCh(63, 7.632, 342.849)

Have a look what the booklet for
CIELCh(63, 7.632, 342.849) contains.

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Color

CIELCh(63, 7.983, 341.143)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A4949D |
| RGB | 164, 148, 157 |
| RGB Percent | 64%, 58%, 62% |
| CMY | 0.3562, 0.4189, 0.3836 |
| CMYK | 0.00, 0.10, 0.04, 0.36 |
| HSL | 326°, 8%, 61% |
| HSV | 326°, 10%, 64% |
| XYZ | 32.0653, 31.5869, 36.3846 |
| YIQ | 153.8100, 6.6470, 6.1910 |

Conversions

Conversions Part 2

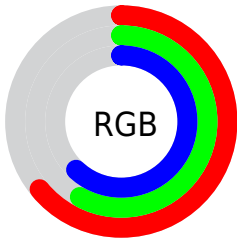
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 164, 148, 157 |
| Decimal | 10785949 |
| CIELab | 63.00, 7.55, -2.58 |
| CIElCh | 63, 7.983, 341.143 |
| Yxy | 31.5869, 0.3205, 0.3158 |
| Android (android.graphics.Color) | 4288976029 (0xFFA4949D) |
| YUV | 153.8100, 1.5727, 8.9366 |
| Hunter-Lab | 56.2022, 3.4863, 0.9580 |

Details

The CIELCh color $63, 7.983, 341.143$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.903, 159.718$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.168, 339.728$, and $43, 8.255, 339.574$ is the 20% darker color. If you saturate the color by 10%, you get $59, 16.312, 342.009$, and if you desaturate by 10%, it is $68, 0.200, 162.080$.

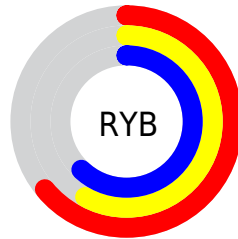
Distribution



Red (64%)

Green (58%)

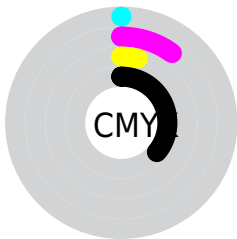
Blue (62%)



Red (64%)

Yellow (58%)

Blue (62%)

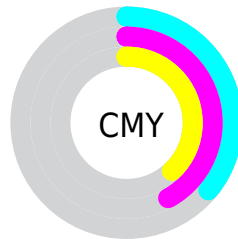


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.983, 341.143 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 63, 7.983, 341.143 by changing the saturation by 10% instead.

63, 7.983, 341.143

63, 7.983, 341.143

100, 7.983,
341.143

53, 7.983, 341.143

83, 7.983, 341.143

43, 7.983, 341.143

93, 7.983, 341.143

33, 7.983, 341.143

23, 7.983, 341.143

13, 7.983, 341.143

3, 7.983, 341.143

0, 7.983, 341.143

63, 7.983, 341.143

63, 7.983, 341.143

59, 16.312,

68, 0.200, 162.080

342.009

72, 8.166, 159.750

54, 24.681,
342.943

77, 15.888,
159.074

50, 32.913,
343.984

82, 23.353,
158.457

46, 40.749,
345.169

86, 30.566,
157.885

43, 47.847,
346.550

91, 37.537,
157.352

40, 53.799,
348.201

93, 39.708,
158.993

38, 58.210,
350.226

94, 37.251,
163.202

36, 60.819,
352.754

94, 34.980,
167.955

35, 61.987,
355.789

Harmonies

Complementary

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



63, 7.983, 341.143



66, 7.903, 159.718

Rectangle

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



63, 7.983, 341.143



63, 7.983, 31.143



63, 7.983, 161.143



63, 7.983, 211.143

Sweetspot

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



63, 7.981, 341.147



84, 3.032, 340.533



62, 9.383, 307.160



44, 2.295, 340.620



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 7.981, 341.147



79, 12.232, 341.356



63, 6.310, 14.552



32, 4.608, 341.106



31, 56.806, 355.475



1, 6.844, 343.142

Inverse Universe

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



63, 7.981, 341.147



79, 12.232, 341.356



66, 5.984, 193.278



32, 4.608, 341.106



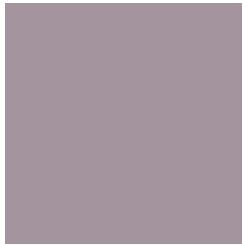
31, 56.806, 355.475



1, 6.844, 343.142

Previews

White Background



This preview shows how the CIELCh color 63, 7.983, 341.143 looks on a white background.

Color Contrast Check

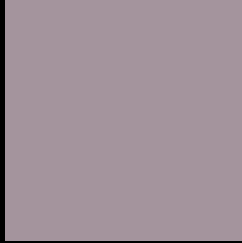
Large Text (above 18pt) WCAG AA × Fail

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 63, 7.983, 341.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

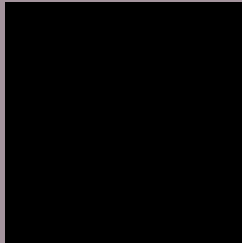
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.983, 341.143

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.983, 341.143.



This preview shows how white text looks on a background with the CIELCh color 63, 7.983, 341.143.

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


63, 7.983, 341.143

Protanopia

63, 3.944, 296.111

Deuteranopia

63, 8.287, 342.884



Tritanopia
63, 8.996, 337.204

Trichromacy



Original Color
63, 7.983, 341.143

Protanomaly
63, 4.562, 320.651

Deuteranomaly
63, 8.287, 342.884

Tritanomaly
63, 8.630, 339.925

Monochromacy



Original Color
63, 7.983, 341.143

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 2.869, 343.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.983, 341.143 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(164, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(164, 148, 157)  
}
```

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(164, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 148, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.983, 341.143 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(164, 148, 157) }
```

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

```
.border{ border-color:rgb(164, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 148,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.983, 341.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 148, 157) }
```

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

```
.background{ background-color: rgb(164,  
148, 157) }
```

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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