

Converting Colors

CIELCh(63, 7.014, 272.559)

Have a look what the booklet for
CIELCh(63, 7.014, 272.559) contains.

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Color

CIELCh(63, 7.022, 272.567)

Conversions

Conversions Part 1

Format	Color
Hex	9399A5
RGB	147, 153, 165
RGB Percent	58%, 60%, 65%
CMY	0.4245, 0.4010, 0.3539
CMYK	0.11, 0.07, 0.00, 0.35
HSL	220°, 9%, 61%
HSV	220°, 11%, 65%
XYZ	30.1057, 31.5869, 39.9851
YIQ	152.5740, -7.4280, 2.4600

Conversions

Conversions Part 2

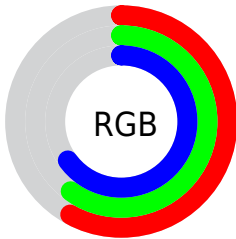
Format	Color
RYB	147, 152, 165
Decimal	9673125
CIELab	63.00, 0.31, -7.01
CIElCh	63, 7.022, 272.567
Yxy	31.5869, 0.2961, 0.3107
Android (android.graphics.Color)	4287863205 (0xFF9399A5)
YUV	152.5740, 6.1260, -4.8884
Hunter-Lab	56.2022, -2.7374, -2.8403

Details

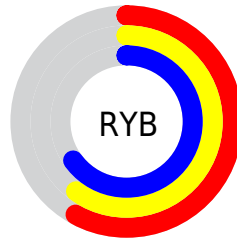
The CIELCh color $63, 7.022, 272.567$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.027, 89.751$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.152, 273.648$, and $43, 6.967, 271.501$ is the 20% darker color. If you saturate the color by 10%, you get $59, 13.547, 274.060$, and if you desaturate by 10%, it is $67, 0.595, 271.573$.

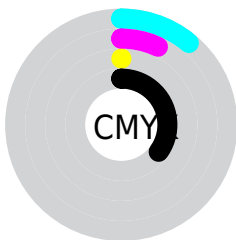
Distribution



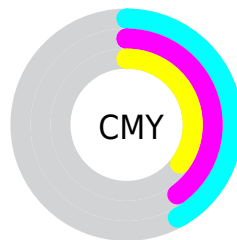
- Red (58%)
- Green (60%)
- Blue (65%)



- Red (58%)
- Yellow (60%)
- Blue (65%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.022, 272.567 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, 7.022, 272.567 by changing the saturation by 10% instead.

■ 63, 7.022, 272.567

■ 63, 7.022, 272.567

■ 100, 7.022,
272.567

■ 53, 7.022, 272.567

■ 83, 7.022, 272.567

■ 43, 7.022, 272.567

■ 93, 7.022, 272.567

■ 33, 7.022, 272.567

■ 23, 7.022, 272.567

■ 13, 7.022, 272.567

■ 3, 7.022, 272.567

■ 0, 7.022, 272.567

■ 63, 7.022, 272.567

■ 63, 7.022, 272.567

■ 59, 13.547,

■ 67, 0.595, 271.573

274.060

72, 5.730, 90.058

54, 20.178,
275.824

76, 11.953, 89.095

50, 26.920,
277.887

80, 18.073, 88.242

46, 33.791,
280.285

84, 24.089, 87.489

42, 40.815,
283.046

88, 30.001, 86.819

38, 48.023,
286.164

92, 34.817, 90.565

95, 38.876, 98.680

34, 55.431,
289.581

97, 43.537,
105.047

31, 62.994,
293.163

28, 69.885,
296.273

Harmonies

Complementary

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



63, 7.022, 272.567



66, 7.027, 89.751

Rectangle

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



63, 7.022, 272.567



63, 7.022, 322.567



63, 7.022, 92.567



63, 7.022, 142.567

Sweetspot

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



63, 7.021, 272.557



84, 2.380, 271.592



66, 7.651, 171.657



44, 1.800, 271.668



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, 7.021, 272.557



79, 10.364, 272.883



62, 10.191, 296.907



32, 3.604, 272.332



24, 63.049, 295.878



2, 5.766, 273.545

Inverse Universe

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



63, 7.781, 354.649



78, 11.515, 354.893



67, 9.951, 115.265



32, 3.987, 354.476



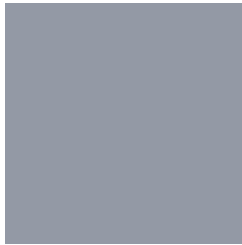
30, 56.589, 16.854



1, 5.997, 355.812

Previews

White Background



This preview shows how the CIELCh color 63, 7.022, 272.567 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, 7.022, 272.567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

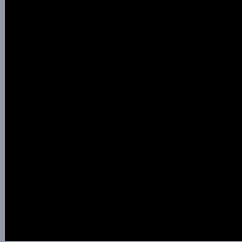
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

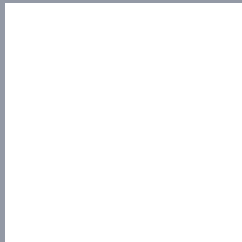
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 7.022, 272.567

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.022, 272.567.



This preview shows how white text looks on a background with the CIELCh color 63, 7.022, 272.567.

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

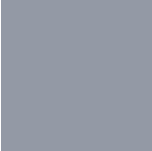
63, 7.022, 272.567

Protanopia

63, 7.297, 293.896

Deuteranopia

63, 11.253, 316.868



Tritanopia
63, 7.022, 272.567

Trichromacy



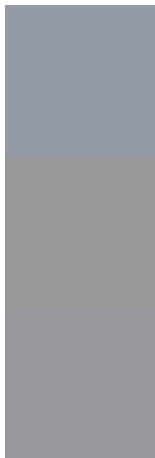
Original Color
63, 7.022, 272.567

Protanomaly
63, 6.744, 284.597

Deuteranomaly
63, 9.270, 305.078

Tritanomaly
63, 7.022, 272.567

Monochromacy



Original Color
63, 7.022, 272.567

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.891, 275.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.022, 272.567 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(147, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 165)  
}
```

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(147, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.022, 272.567 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(147, 153, 165) }
```

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

```
.border{ border-color:rgb(147, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 153, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 153, 165); box-shadow:4px 4px 4px 4px rgb(147, 153, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.022, 272.567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 165) }
```

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

```
.background{ background-color: rgb(147,  
153, 165) }
```

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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