

Converting Colors

CIELCh(63, 8.092, 281.918)

Have a look what the booklet for
CIELCh(63, 8.092, 281.918) contains.

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Color

CIELCh(63, 7.891, 282.983)

Conversions

Conversions Part 1

Format	Color
Hex	9598A6
RGB	149, 152, 166
RGB Percent	58%, 60%, 65%
CMY	0.4158, 0.4040, 0.3491
CMYK	0.10, 0.08, 0.00, 0.35
HSL	229°, 9%, 62%
HSV	229°, 10%, 65%
XYZ	30.4938, 31.5869, 40.5525
YIQ	152.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

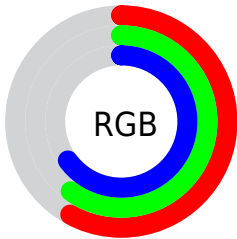
Format	Color
RYB	149, 152, 166
Decimal	9803942
CIELab	63.00, 1.77, -7.69
CIElCh	63, 7.891, 282.983
Yxy	31.5869, 0.2971, 0.3078
Android (android.graphics.Color)	4287994022 (0xFF9598A6)
YUV	152.6990, 6.5574, -3.2440
Hunter-Lab	56.2022, -1.5048, -3.4389

Details

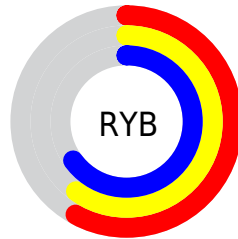
The CIELCh color $63, 7.891, 282.983$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 7.782, 100.640$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.987, 283.293$, and $43, 7.890, 282.781$ is the 20% darker color. If you saturate the color by 10%, you get $58, 15.826, 284.321$, and if you desaturate by 10%, it is $68, 0.191, 282.456$.

Distribution



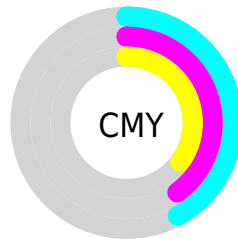
- Red (58%)
- Green (60%)
- Blue (65%)



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



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.891, 282.983 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, 7.891, 282.983 by changing the saturation by 10% instead.

■ 63, 7.891, 282.983

■ 63, 7.891, 282.983

■ 100, 7.891,
282.983

■ 53, 7.891, 282.983

■ 83, 7.891, 282.983

■ 43, 7.891, 282.983

■ 93, 7.891, 282.983

■ 33, 7.891, 282.983

■ 23, 7.891, 282.983

■ 13, 7.891, 282.983

■ 3, 7.891, 282.983

■ 0, 7.891, 282.983

■ 63, 7.891, 282.983

■ 63, 7.891, 282.983

■ 58, 15.826,

■ 68, 0.191, 282.456

284.321

73, 7.285, 100.780

53, 24.021,
285.897

78, 14.551, 99.921

48, 32.497,
287.737

83, 21.619, 99.169

43, 41.280,
289.866

88, 28.498, 98.508

38, 50.379,
292.293

96, 41.212,
102.937

34, 59.757,
294.981

98, 44.485,
106.779

29, 69.244,
297.823

25, 78.414,
300.619

22, 86.371,
302.969

Harmonies

Complementary

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



63, 7.891, 282.983



67, 7.782, 100.640

Rectangle

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



63, 7.891, 282.983



63, 7.891, 332.983



63, 7.891, 102.983



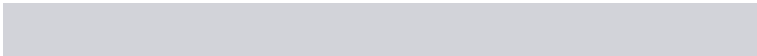
63, 7.891, 152.983

Sweetspot

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



63, 7.890, 282.976



85, 2.848, 282.162



67, 6.588, 183.715



45, 2.177, 282.240



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 7.890, 282.976



79, 11.520, 283.225



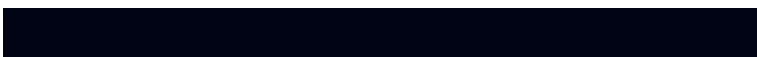
63, 9.772, 303.005



33, 4.403, 282.860



20, 78.736, 302.733



1, 8.154, 283.142

Inverse Universe

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



63, 6.854, 5.919



80, 10.033, 6.128



67, 9.584, 121.874



33, 3.821, 5.820



30, 62.287, 30.133



1, 6.750, 6.976

Previews

White Background



This preview shows how the CIELCh color 63, 7.891, 282.983 looks on a white background.

Color Contrast Check

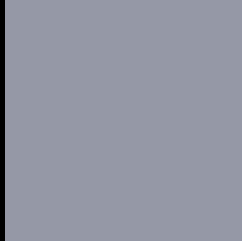
Large Text (above 18pt) WCAG AA × Fail

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, 7.891, 282.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

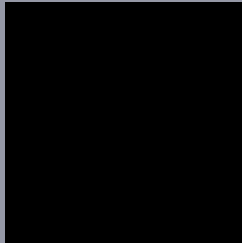
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

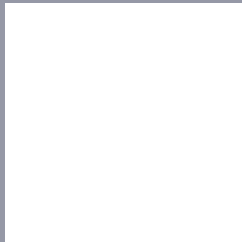
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 7.891, 282.983

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.891, 282.983.

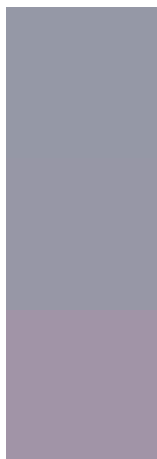


This preview shows how white text looks on a background with the CIELCh color 63, 7.891, 282.983.

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

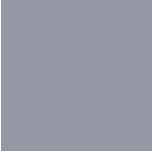
63, 7.891, 282.983

Protanopia

63, 8.401, 291.094

Deuteranopia

63, 11.757, 315.686



Tritanopia
63, 6.788, 281.491

Trichromacy



Original Color
63, 7.891, 282.983

Protanomaly
63, 8.404, 288.580

Deuteranomaly
63, 10.560, 307.604

Tritanomaly
63, 7.339, 282.289

Monochromacy



Original Color
63, 7.891, 282.983

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.819, 282.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.891, 282.983 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(149, 152, 166)` looks like.

```
.text, #text, p{  
    color:rgb(149, 152, 166)  
}
```

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(149, 152, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 152, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.891, 282.983 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(149, 152, 166) }
```

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

```
.border{ border-color:rgb(149, 152, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 152, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 152, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 152, 166);  
box-shadow:4px 4px 4px 4px rgb(149, 152,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.891, 282.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 152, 166) }
```

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

```
.background{ background-color: rgb(149,  
152, 166) }
```

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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