

Converting Colors

CIELCh(63, 6.727, 287.746)

Have a look what the booklet for
CIELCh(63, 6.727, 287.746) contains.

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Color

CIELCh(63, 6.719, 287.743)

Conversions

Conversions Part 1

Format	Color
Hex	9798A4
RGB	151, 152, 164
RGB Percent	59%, 60%, 64%
CMY	0.4089, 0.4050, 0.3580
CMYK	0.08, 0.07, 0.00, 0.36
HSL	235°, 7%, 62%
HSV	235°, 8%, 64%
XYZ	30.5673, 31.5869, 39.4717
YIQ	153.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

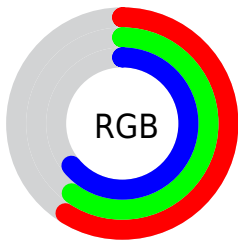
Format	Color
RYB	151, 152, 164
Decimal	9935012
CIELab	63.00, 2.05, -6.40
CIELCh	63, 6.719, 287.743
Yxy	31.5869, 0.3008, 0.3108
Android (android.graphics.Color)	4288125092 (0xFF9798A4)
YUV	153.0690, 5.3890, -1.8145
Hunter-Lab	56.2022, -1.2713, -2.2987

Details

The CIELCh color **63, 6.719, 287.743** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.610, 106.081**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 6.881, 287.839**, and **43, 6.627, 287.723** is the 20% darker color. If you saturate the color by 10%, you get **58, 15.450, 288.942**, and if you desaturate by 10%, it is **68, 1.704, 106.637**.

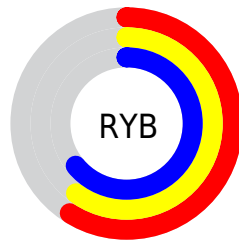
Distribution



Red (59%)

Green (60%)

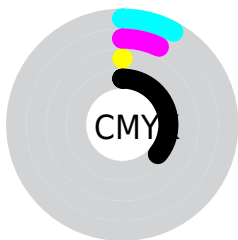
Blue (64%)



Red (59%)

Yellow (60%)

Blue (64%)

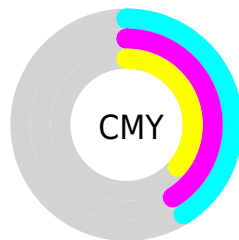


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (41%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 6.719, 287.743 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, 6.719, 287.743 by changing the saturation by 10% instead.

■ 63, 6.719, 287.743

■ 63, 6.719, 287.743

■ 100, 6.719,
287.743

■ 53, 6.719, 287.743

■ 83, 6.719, 287.743

■ 43, 6.719, 287.743

■ 93, 6.719, 287.743

■ 33, 6.719, 287.743

■ 23, 6.719, 287.743

■ 13, 6.719, 287.743

■ 3, 6.719, 287.743

■ 0, 6.719, 287.743

■ 63, 6.719, 287.743

■ 63, 6.719, 287.743

■ 58, 15.450,

■ 68, 1.704, 106.637

288.942

74, 9.839, 105.789

52, 24.519,
290.362

79, 17.705,
105.028

47, 33.951,
292.022

84, 25.321,
104.368

41, 43.763,
293.944

89, 32.701,
103.794

36, 53.936,
296.124

95, 39.860,
103.292

31, 64.344,
298.507

98, 45.576,
106.694

27, 74.621,
300.953

23, 83.978,
303.216

20, 91.219,
304.958

Harmonies

Complementary

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



63, 6.719, 287.743



67, 6.610, 106.081

Rectangle

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



63, 6.719, 287.743



63, 6.719, 337.743



63, 6.719, 107.743



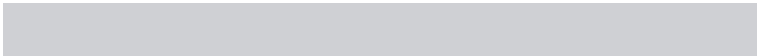
63, 6.719, 157.743

Sweetspot

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



63, 6.718, 287.735



83, 2.072, 287.140



66, 4.899, 192.026



45, 1.187, 287.131



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, 6.718, 287.735



78, 10.470, 287.988



63, 7.582, 306.477



32, 4.786, 287.883



17, 84.201, 305.053



1, 7.396, 287.220

Inverse Universe

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



63, 5.102, 13.541



79, 7.982, 13.751



66, 7.478, 125.744



32, 3.643, 13.665



30, 65.424, 36.094



1, 5.499, 13.611

Previews

White Background



This preview shows how the CIELCh color 63, 6.719, 287.743 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, 6.719, 287.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

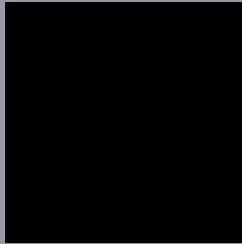
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

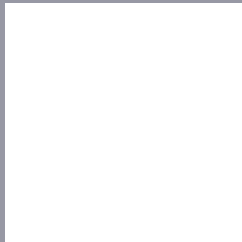
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 6.719, 287.743

Background



This preview shows how black text looks on a background with the CIELCh color 63, 6.719, 287.743.

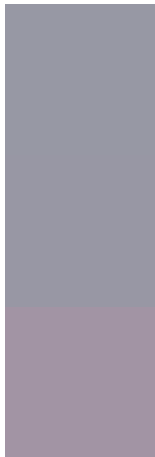


This preview shows how white text looks on a background with the CIELCh color 63, 6.719, 287.743.

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

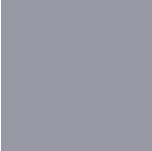
63, 6.719, 287.743

Protanopia

63, 7.297, 293.896

Deuteranopia

63, 10.451, 321.438



Tritanopia
63, 6.719, 287.743

Trichromacy



Original Color
63, 6.719, 287.743

Protanomaly
63, 7.297, 293.896

Deuteranomaly
63, 9.101, 312.845

Tritanomaly
63, 6.719, 287.743

Monochromacy



Original Color
63, 6.719, 287.743

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.267, 280.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 6.719, 287.743 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(151, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 164)  
}
```

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(151, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 6.719, 287.743 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(151, 152, 164) }
```

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

```
.border{ border-color:rgb(151, 152, 164) }
```

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

Here you see how a box with a 4 pixel rgb(151, 152, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 6.719, 287.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 164) }
```

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

```
.background{ background-color: rgb(151,  
152, 164) }
```

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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