

Converting Colors

CIELCh(63, 9.936, 226.749)

Have a look what the booklet for
CIELCh(63, 9.936, 226.749) contains.

CIELCh(63, 9.910, 225.683)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 9.910, 225.683)

Conversions

Conversions Part 1

Format	Color
Hex	849DA5
RGB	132, 157, 165
RGB Percent	52%, 62%, 65%
CMY	0.4836, 0.3856, 0.3542
CMYK	0.20, 0.05, 0.00, 0.35
HSL	195°, 15%, 58%
HSV	195°, 20%, 65%
XYZ	28.2282, 31.5869, 40.0484
YIQ	150.4370, -17.4680, -2.8120

Conversions

Conversions Part 2

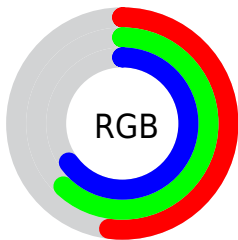
Format	Color
RYB	132, 146, 165
Decimal	8691109
CIELab	63.00, -6.92, -7.09
CIElCh	63, 9.910, 225.683
Yxy	31.5869, 0.2827, 0.3163
Android (android.graphics.Color)	4286881189 (0xFF849DA5)
YUV	150.4370, 7.1796, -16.1692
Hunter-Lab	56.2022, -8.7005, -2.9070

Details

The CIELCh color **63, 9.910, 225.683** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 11.220, 43.767**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 9.812, 224.482**, and **43, 9.826, 223.987** is the 20% darker color. If you saturate the color by 10%, you get **61, 14.405, 226.529**, and if you desaturate by 10%, it is **65, 5.093, 225.065**.

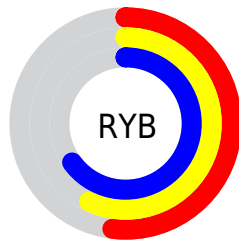
Distribution



Red (52%)

Green (62%)

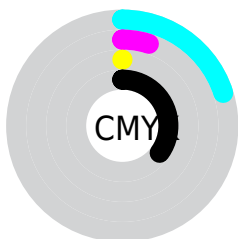
Blue (65%)



Red (52%)

Yellow (57%)

Blue (65%)

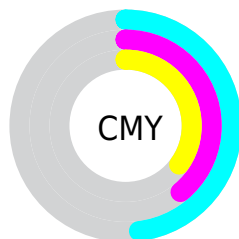


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.910, 225.683 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, 9.910, 225.683 by changing the saturation by 10% instead.

■ 63, 9.910, 225.683

■ 63, 9.910, 225.683

■ 100, 9.910,
225.683

■ 53, 9.910, 225.683

■ 83, 9.910, 225.683

■ 43, 9.910, 225.683

■ 93, 9.910, 225.683

■ 33, 9.910, 225.683

■ 23, 9.910, 225.683

■ 13, 9.910, 225.683

■ 3, 9.910, 225.683

■ 0, 9.910, 225.683

■ 63, 9.910, 225.683

■ 63, 9.910, 225.683

■ 61, 14.405,

■ 65, 5.093, 225.065

226.529

68, 0.022, 246.118

59, 18.510,
227.663

70, 5.252, 44.050

57, 22.155,
229.139

72, 10.674, 43.845

55, 25.283,
231.037

75, 16.206, 43.691

53, 27.858,
233.441

80, 27.467, 43.536

52, 29.881,
236.439

82, 29.942, 45.838

50, 31.409,
240.091

83, 29.503, 50.490

49, 32.644,
244.217

Harmonies

Complementary

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



63, 9.910, 225.683



60, 11.220, 43.767

Rectangle

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



63, 9.910, 225.683



63, 9.910, 275.683



63, 9.910, 45.683



63, 9.910, 95.683

Sweetspot

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



63, 9.910, 225.675



84, 3.807, 224.913



65, 19.014, 150.321



44, 2.517, 224.931



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, 9.910, 225.675



79, 14.516, 226.021



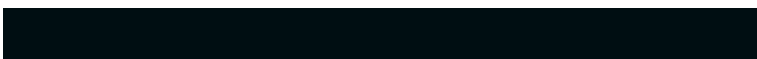
58, 14.009, 278.785



33, 2.856, 225.029



43, 29.716, 243.695



3, 4.482, 230.994

Inverse Universe

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



59, 18.991, 333.339



73, 28.206, 333.644



64, 13.869, 93.698



32, 5.293, 332.608



32, 63.332, 340.548



1, 7.876, 334.096

Previews

White Background



This preview shows how the CIELCh color 63, 9.910, 225.683 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, 9.910, 225.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

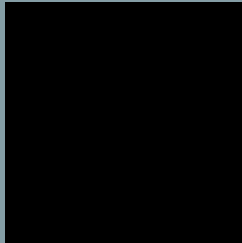
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

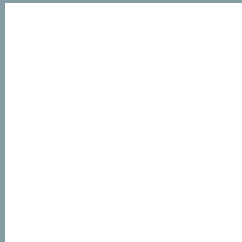
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 9.910, 225.683

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.910, 225.683.



This preview shows how white text looks on a background with the CIELCh color 63, 9.910, 225.683.

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, 9.910, 225.683

Protanopia

63, 5.622, 294.621

Deuteranopia

63, 11.095, 315.099



Tritanopia
63, 11.022, 240.330

Trichromacy



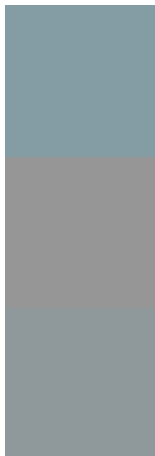
Original Color
63, 9.910, 225.683

Protanomaly
63, 5.789, 259.958

Deuteranomaly
63, 8.404, 288.580

Tritanomaly
63, 10.393, 235.292

Monochromacy



Original Color
63, 9.910, 225.683

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.752, 225.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.910, 225.683 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(132, 157, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 157, 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(132, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 157, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.910, 225.683 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(132, 157, 165) }
```

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

```
.border{ border-color:rgb(132, 157, 165) }
```

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

Here you see how a box with a 4 pixel rgb(132, 157, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 157, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 157, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 157,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.910, 225.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 157, 165) }
```

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

```
.background{ background-color: rgb(132,  
157, 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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