

Converting Colors

CIELCh(63, 22.029, 297.972)

Have a look what the booklet for
CIELCh(63, 22.029, 297.972)
contains.

CIELCh(63, 22.003, 297.962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(63, 22.003, 297.962)

Conversions

Conversions Part 1

Format	Color
Hex	9A94BB
RGB	154, 148, 187
RGB Percent	60%, 58%, 73%
CMY	0.3965, 0.4200, 0.2671
CMYK	0.18, 0.21, 0.00, 0.27
HSL	249°, 22%, 66%
HSV	249°, 21%, 73%
XYZ	32.8348, 31.5869, 51.3150
YIQ	154.2400, -8.9430, 13.4010

Conversions

Conversions Part 2

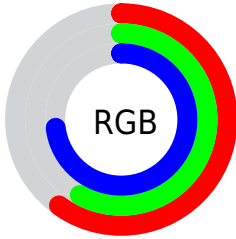
Format	Color
RYB	154, 148, 187
Decimal	10130619
CIELab	63.00, 10.32, -19.43
CIElCh	63, 22.003, 297.962
Yxy	31.5869, 0.2837, 0.2729
Android (android.graphics.Color)	4288320699 (0xFF9A94BB)
YUV	154.2400, 16.1507, -0.2105
Hunter-Lab	56.2022, 5.9303, -14.7927

Details

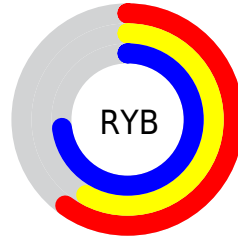
The CIELCh color $63, 22.003, 297.962$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 21.013, 114.673$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.889, 298.220$, and $43, 22.434, 297.936$ is the 20% darker color. If you saturate the color by 10%, you get $57, 33.192, 299.009$, and if you desaturate by 10%, it is $69, 11.238, 297.052$.

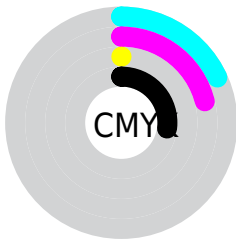
Distribution



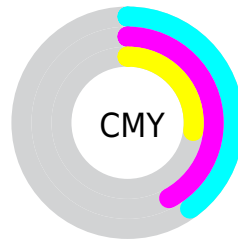
- Red (60%)
- Green (58%)
- Blue (73%)



- Red (60%)
- Yellow (58%)
- Blue (73%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 22.003, 297.962 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, 22.003, 297.962 by changing the saturation by 10% instead.

■ 63, 22.003,
297.962

■ 63, 22.003,
297.962

■ 100, 22.003,
297.962

■ 53, 22.003,
297.962

■ 83, 22.003,
297.962

■ 43, 22.003,
297.962

■ 93, 22.003,
297.962

■ 33, 22.003,
297.962

■ 23, 22.003,
297.962

■ 13, 22.003,
297.962

■ 3, 22.003, 297.962

■ 0, 22.003, 297.962

63, 22.003,
297.962

63, 22.003,
297.962

57, 33.192,
299.009

69, 11.238,
297.052

51, 44.803,
300.203

75, 0.886, 296.274

81, 9.079, 115.594

45, 56.772,
301.534

87, 18.681,
115.016

39, 68.915,
302.962

93, 27.944,
114.520

33, 80.798,
304.392

98, 34.350,
111.535

29, 91.566,
305.653

99, 34.252,
107.569

25, 99.893,
306.504

23, 104.901,

Harmonies

Complementary

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



63, 22.003, 297.962



74, 21.013, 114.673

Rectangle

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



63, 22.003, 297.962



63, 22.003, 347.962



63, 22.003, 117.962



63, 22.003, 167.962

Sweetspot

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



63, 22.001, 297.961



91, 7.597, 296.664



72, 11.935, 214.132



48, 5.086, 296.716



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 22.001, 297.961



77, 32.840, 298.419



65, 23.667, 315.005



37, 5.892, 296.927



19, 92.593, 306.979



1, 17.509, 294.918

Inverse Universe

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



66, 23.333, 330.211



81, 34.529, 330.495



73, 23.229, 133.212



37, 6.356, 329.494



36, 71.793, 335.373



3, 18.452, 331.786

Previews

White Background



This preview shows how the CIELCh color 63, 22.003, 297.962 looks on a white background.

Color Contrast Check

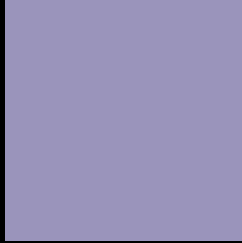
Large Text (above 18pt) WCAG AA × Fail

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, 22.003, 297.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

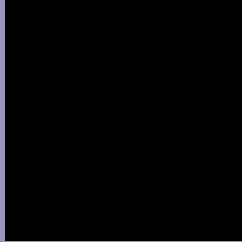
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 22.003, 297.962

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.003, 297.962.



This preview shows how white text looks on a background with the CIELCh color 63, 22.003, 297.962.

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, 22.003, 297.962

Protanopia

63, 21.364, 285.120

Deuteranopia

63, 21.304, 293.384



Tritanopia
63, 6.744, 284.597

Trichromacy



Original Color
63, 22.003, 297.962

Protanomaly
63, 21.278, 289.670

Deuteranomaly
63, 21.317, 294.316

Tritanomaly
63, 11.757, 291.449

Monochromacy



Original Color
63, 22.003, 297.962

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 7.878, 296.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.003, 297.962 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(154, 148, 187)` looks like.

```
.text, #text, p{  
    color:rgb(154, 148, 187)  
}
```

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(154, 148, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 148, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.003, 297.962 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(154, 148, 187) }
```

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

```
.border{ border-color:rgb(154, 148, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 148, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 148, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 148, 187);  
box-shadow:4px 4px 4px 4px rgb(154, 148,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.003, 297.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 148, 187) }
```

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

```
.background{ background-color: rgb(154,  
148, 187) }
```

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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