

Converting Colors

CIELCh(63, 22.484, 305.107)

Have a look what the booklet for
CIELCh(63, 22.484, 305.107)
contains.

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Color

CIELCh(63, 22.510, 305.202)

Conversions

Conversions Part 1

Format	Color
Hex	A092B9
RGB	160, 146, 185
RGB Percent	63%, 57%, 73%
CMY	0.3721, 0.4270, 0.2740
CMYK	0.14, 0.21, 0.00, 0.27
HSL	262°, 22%, 65%
HSV	262°, 21%, 73%
XYZ	33.5871, 31.5869, 50.2923
YIQ	154.6320, -4.1750, 15.0970

Conversions

Conversions Part 2

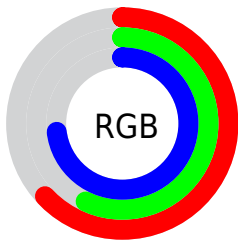
Format	Color
R_{YB}	160, 146, 185
Decimal	10523321
CIE _{Lab}	63.00, 12.98, -18.39
CIE _{LCh}	63, 22.510, 305.202
Yxy	31.5869, 0.2909, 0.2736
Android (android.graphics.Color)	4288713401 (0xFFA092B9)
YUV	154.6320, 14.9714, 4.7077
Hunter-Lab	56.2022, 8.3196, -13.7138

Details

The CIELCh color $63, 22.510, 305.202$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 21.686, 122.895$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 22.403, 305.205$, and $43, 22.925, 305.355$ is the 20% darker color. If you saturate the color by 10%, you get $57, 33.720, 305.879$, and if you desaturate by 10%, it is $69, 11.633, 304.588$.

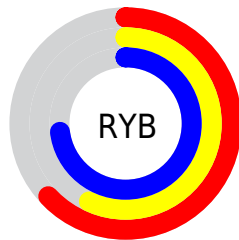
Distribution



Red (63%)

Green (57%)

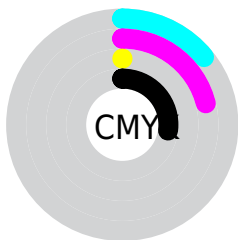
Blue (73%)



Red (63%)

Yellow (57%)

Blue (73%)

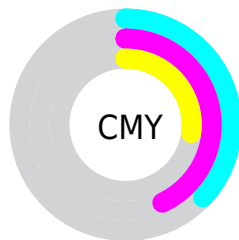


Cyan (14%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (37%)


Magenta (43%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 22.510, 305.202 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, 22.510, 305.202 by changing the saturation by 10% instead.

 63, 22.510,
305.202


 63, 22.510,
305.202


 100, 22.510,
305.202


 53, 22.510,
305.202


 83, 22.510,
305.202

 43, 22.510,
305.202

 93, 22.510,
305.202

 33, 22.510,
305.202

 23, 22.510,
305.202

 13, 22.510,
305.202

 3, 22.510, 305.202

 0, 22.510, 305.202

63, 22.510,
305.202

63, 22.510,
305.202

57, 33.720,
305.879

69, 11.633,
304.588

52, 45.212,
306.615

75, 1.112, 303.993

80, 9.055, 123.583

46, 56.856,
307.385

86, 18.881,
123.164

41, 68.396,
308.144

92, 28.380,
122.802

36, 79.371,
308.814

97, 36.357,
121.738

31, 89.043,
309.274

98, 35.449,
114.795

28, 96.437,
309.371

99, 35.123,
107.502

26, 101.001,

Harmonies

Complementary

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



63, 22.510, 305.202



73, 21.686, 122.895

Rectangle

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



63, 22.510, 305.202



63, 22.510, 355.202



63, 22.510, 125.202



63, 22.510, 175.202

Sweetspot

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



63, 22.508, 305.201



90, 7.718, 304.306



69, 11.436, 240.062



48, 5.121, 304.342



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 22.508, 305.201



77, 33.178, 305.488



65, 24.911, 321.242



36, 5.898, 304.488



21, 88.668, 309.310



1, 15.673, 300.566

Inverse Universe

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



65, 20.264, 338.332



80, 29.704, 338.692



72, 24.731, 139.188



36, 5.369, 337.404



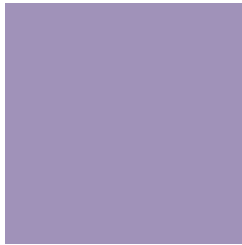
34, 61.794, 349.078



3, 13.412, 342.655

Previews

White Background



This preview shows how the CIELCh color 63, 22.510, 305.202 looks on a white background.

Color Contrast Check

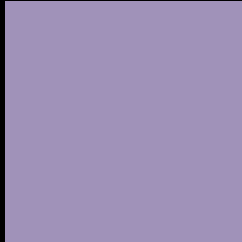
Large Text (above 18pt) WCAG AA × Fail

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, 22.510, 305.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

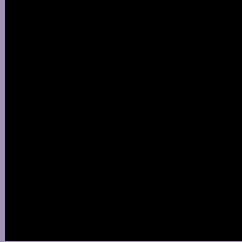
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 22.510, 305.202

Background



This preview shows how black text looks on a background with the CIELCh color 63, 22.510, 305.202.



This preview shows how white text looks on a background with the CIELCh color 63, 22.510, 305.202.

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, 22.510, 305.202

Protanopia

63, 20.779, 285.767

Deuteranopia

63, 20.201, 294.317



Tritanopia
63, 7.123, 309.376

Trichromacy



Original Color
63, 22.510, 305.202

Protanomaly
63, 21.304, 293.384

Deuteranomaly
63, 20.892, 298.174

Tritanomaly
63, 12.177, 305.444

Monochromacy



Original Color
63, 22.510, 305.202

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.073, 304.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 22.510, 305.202 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(160, 146, 185)` looks like.

```
.text, #text, p{  
    color:rgb(160, 146, 185)  
}
```

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(160, 146, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 146, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 22.510, 305.202 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(160, 146, 185) }
```

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

```
.border{ border-color:rgb(160, 146, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 146, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 146, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 146, 185);  
box-shadow:4px 4px 4px 4px rgb(160, 146,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 22.510, 305.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 146, 185) }
```

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

```
.background{ background-color: rgb(160,  
146, 185) }
```

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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