

Converting Colors

CIELCh(63, 21.467, 297.185)

Have a look what the booklet for
CIELCh(63, 21.467, 297.185)
contains.

CIELCh(63, 21.413, 297.129)	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, 21.413, 297.129)

Conversions

Conversions Part 1

Format	Color
Hex	9994BA
RGB	153, 148, 186
RGB Percent	60%, 58%, 73%
CMY	0.3992, 0.4188, 0.2698
CMYK	0.18, 0.20, 0.00, 0.27
HSL	248°, 22%, 66%
HSV	248°, 20%, 73%
XYZ	32.6798, 31.5869, 50.9428
YIQ	153.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

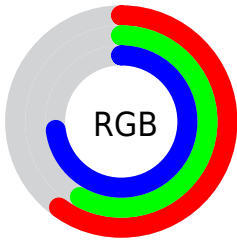
Format	Color
R_{YB}	153, 148, 186
Decimal	10065082
CIE _{Lab}	63.00, 9.76, -19.06
CIE _{LCh}	63, 21.413, 297.129
Yxy	31.5869, 0.2837, 0.2742
Android (android.graphics.Color)	4288255162 (0xFF9994BA)
YUV	153.8270, 15.8613, -0.7253
Hunter-Lab	56.2022, 5.4382, -14.4001

Details

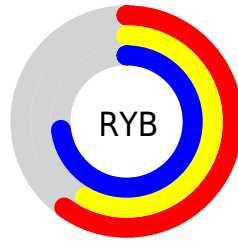
The CIELCh color $63, 21.413, 297.129$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 20.460, 113.783$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 21.327, 297.438$, and $43, 21.808, 297.054$ is the 20% darker color. If you saturate the color by 10%, you get $57, 32.543, 298.219$, and if you desaturate by 10%, it is $69, 10.711, 296.185$.

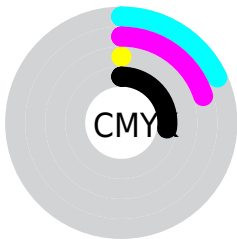
Distribution



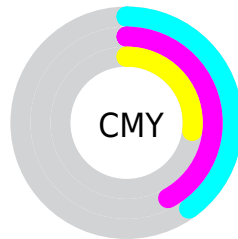
- Red (60%)
- Green (58%)
- Blue (73%)



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



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 21.413, 297.129 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, 21.413, 297.129 by changing the saturation by 10% instead.


 63, 21.413,
297.129


 63, 21.413,
297.129


 100, 21.413,
297.129


 53, 21.413,
297.129


 83, 21.413,
297.129

 43, 21.413,
297.129

 93, 21.413,
297.129

 33, 21.413,
297.129

 23, 21.413,
297.129

 13, 21.413,
297.129

 3, 21.413, 297.129

 0, 21.413, 297.129

63, 21.413,
297.129

63, 21.413,
297.129

57, 32.543,
298.219

69, 10.711,
296.185

51, 44.106,
299.468

75, 0.423, 295.405

45, 56.048,
300.869

81, 9.477, 114.676

39, 68.200,
302.383

88, 19.016,
114.080

33, 80.145,
303.916

94, 28.218,
113.568

29, 91.039,
305.294

98, 34.647,
110.566

25, 99.540,
306.265

99, 34.588,
107.543

23, 104.833,

Harmonies

Complementary

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



63, 21.413, 297.129



74, 20.460, 113.783

Rectangle

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



63, 21.413, 297.129



63, 21.413, 347.129



63, 21.413, 117.129



63, 21.413, 167.129

Sweetspot

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



63, 21.411, 297.128



91, 7.585, 295.821



72, 11.951, 210.254



48, 5.078, 295.875



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, 21.411, 297.128



77, 31.425, 297.544



65, 22.906, 313.900



37, 5.883, 296.094



18, 92.796, 306.837



1, 17.493, 294.303

Inverse Universe

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



66, 23.110, 329.445



81, 33.662, 329.688



73, 22.445, 132.148



37, 6.456, 328.772



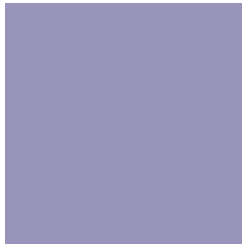
36, 73.019, 334.192



3, 18.866, 330.708

Previews

White Background



This preview shows how the CIELCh color 63, 21.413, 297.129 looks on a white background.

Color Contrast Check

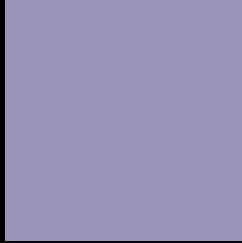
Large Text (above 18pt) WCAG AA × Fail

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, 21.413, 297.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

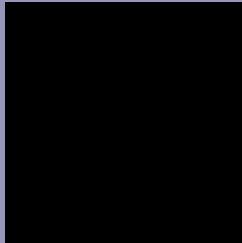
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.413, 297.129

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.413, 297.129.



This preview shows how white text looks on a background with the CIELCh color 63, 21.413, 297.129.

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

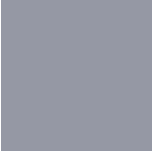
63, 21.413, 297.129

Protanopia

63, 20.779, 285.767

Deuteranopia

63, 20.745, 293.355



Tritanopia
63, 6.788, 281.491

Trichromacy



Original Color
63, 21.413, 297.129

Protanomaly
63, 20.721, 289.530

Deuteranomaly
63, 20.759, 294.315

Tritanomaly
63, 11.757, 291.449

Monochromacy



Original Color
63, 21.413, 297.129

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, 21.413, 297.129 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(153, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 186)  
}
```

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(153, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.413, 297.129 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(153, 148, 186) }
```

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

```
.border{ border-color:rgb(153, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.413, 297.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 186) }
```

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

```
.background{ background-color: rgb(153,  
148, 186) }
```

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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