

Converting Colors

CIELCh(63, 12.163, 329.517)

Have a look what the booklet for
CIELCh(63, 12.163, 329.517)
contains.

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Color

CIELCh(63, 12.210, 329.526)

Conversions

Conversions Part 1

Format	Color
Hex	A793A4
RGB	167, 147, 164
RGB Percent	65%, 58%, 64%
CMY	0.3466, 0.4250, 0.3584
CMYK	0.00, 0.12, 0.02, 0.35
HSL	309°, 10%, 61%
HSV	309°, 12%, 65%
XYZ	32.8928, 31.5869, 39.3000
YIQ	154.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

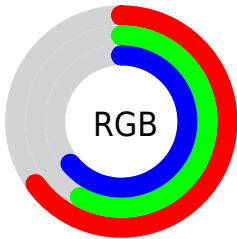
Format	Color
R_{YB}	167, 147, 164
Decimal	10982308
CIE _{Lab}	63.00, 10.52, -6.19
CIE _{LCh}	63, 12.210, 329.526
Yxy	31.5869, 0.3169, 0.3044
Android (android.graphics.Color)	4289172388 (0xFFA793A4)
YUV	154.9180, 4.4774, 10.5959
Hunter-Lab	56.2022, 6.1144, -2.1176

Details

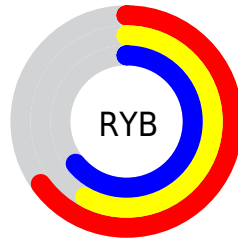
The CIELCh color $63, 12.210, 329.526$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 12.178, 148.107$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 12.203, 329.148$, and $43, 12.368, 330.035$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.465, 330.141$, and if you desaturate by 10%, it is $67, 2.022, 328.832$.

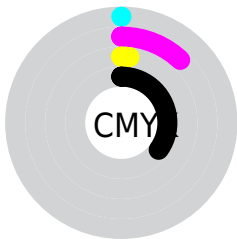
Distribution



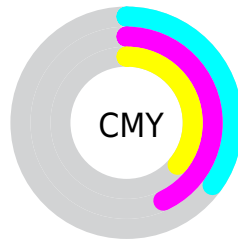
- Red (65%)
- Green (58%)
- Blue (64%)



- Red (65%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (43%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 12.210, 329.526 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, 12.210, 329.526 by changing the saturation by 10% instead.


 63, 12.210,
329.526


 63, 12.210,
329.526


 100, 12.210,
329.526


 53, 12.210,
329.526


 83, 12.210,
329.526

 43, 12.210,
329.526

 93, 12.210,
329.526

 33, 12.210,
329.526

 23, 12.210,
329.526

 13, 12.210,
329.526

 3, 12.210, 329.526

 0, 12.210, 329.526

63, 12.210,
329.526

63, 12.210,
329.526

59, 22.465,
330.141

67, 2.022, 328.832

55, 32.626,
330.762

72, 7.985, 148.422

51, 42.452,
331.387

77, 17.752,
147.859

47, 51.617,
332.015

81, 27.244,
147.333

44, 59.722,
332.645

86, 36.449,
146.835

42, 66.338,
333.280

91, 45.368,
146.365

40, 71.083,
333.932

93, 49.266,
146.579

39, 73.752,

93, 48.258,
147.495

334.621

 93, 47.258,
148.448

 38, 74.798,
335.200

Harmonies

Complementary

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



63, 12.210, 329.526



66, 12.178, 148.107

Rectangle

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



63, 12.210, 329.526



63, 12.210, 19.526



63, 12.210, 149.526



63, 12.210, 199.526

Sweetspot

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



63, 12.208, 329.527



84, 5.019, 329.017



62, 11.307, 296.381



45, 3.597, 329.070



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 12.208, 329.527



79, 17.669, 329.666



63, 8.799, 352.574



33, 5.797, 329.360



34, 68.611, 335.121



2, 10.149, 330.532

Inverse Universe

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



63, 12.208, 329.527



79, 17.669, 329.666



67, 8.569, 170.475



33, 5.797, 329.360



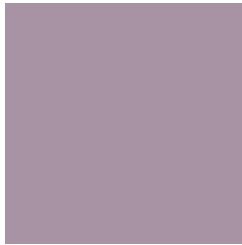
34, 68.611, 335.121



2, 10.149, 330.532

Previews

White Background



This preview shows how the CIELCh color 63, 12.210, 329.526 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, 12.210, 329.526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

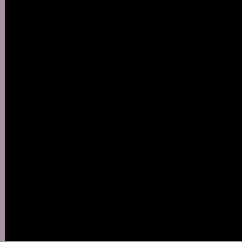
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 12.210, 329.526

Background



This preview shows how black text looks on a background with the CIELCh color 63, 12.210, 329.526.



This preview shows how white text looks on a background with the CIELCh color 63, 12.210, 329.526.

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, 12.210, 329.526

Protanopia

63, 8.394, 288.574

Deuteranopia

63, 9.978, 323.077



Tritanopia
63, 9.943, 337.988

Trichromacy



Original Color
63, 12.210, 329.526

Protanomaly
63, 9.370, 307.302

Deuteranomaly
63, 11.085, 326.611

Tritanomaly
63, 10.715, 333.555

Monochromacy



Original Color
63, 12.210, 329.526

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 4.314, 328.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 12.210, 329.526 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(167, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 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(167, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 12.210, 329.526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

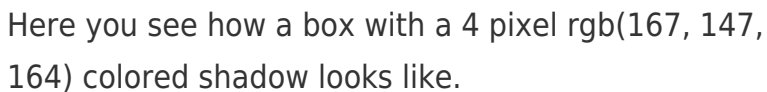
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 147, 164) }
```

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

```
.border{ border-color:rgb(167, 147, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 147, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 147, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 147, 164); box-shadow:4px 4px 4px 4px rgb(167, 147, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 12.210, 329.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 164) }
```

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

```
.background{ background-color: rgb(167,  
147, 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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