

Converting Colors

CIELCh(64, 22.647, 310.032)

Have a look what the booklet for
CIELCh(64, 22.647, 310.032)
contains.

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Color

CIELCh(64, 22.384, 310.015)

Conversions

Conversions Part 1

Format	Color
Hex	A794BA
RGB	167, 148, 186
RGB Percent	65%, 58%, 73%
CMY	0.3463, 0.4208, 0.2718
CMYK	0.10, 0.20, 0.00, 0.27
HSL	270°, 22%, 65%
HSV	270°, 20%, 73%
XYZ	35.2461, 32.8017, 50.7564
YIQ	158.0130, -0.8740, 15.8460

Conversions

Conversions Part 2

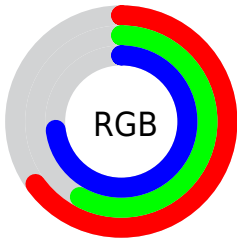
Format	Color
RYB	167, 148, 186
Decimal	10982586
CIELab	64.00, 14.39, -17.14
CIElCh	64, 22.384, 310.015
Yxy	32.8017, 0.2967, 0.2761
Android (android.graphics.Color)	4289172666 (0xFFA794BA)
YUV	158.0130, 13.7976, 7.8816
Hunter-Lab	57.2727, 9.6229, -12.4532

Details

The CIELCh color `64, 22.384, 310.015` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 21.771, 128.146`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 22.318, 309.833`, and `44, 22.723, 310.320` is the 20% darker color. If you saturate the color by 10%, you get `58, 33.739, 310.537`, and if you desaturate by 10%, it is `70, 11.285, 309.522`.

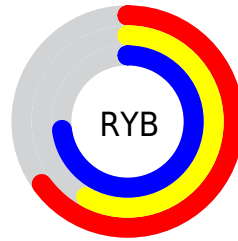
Distribution



Red (65%)

Green (58%)

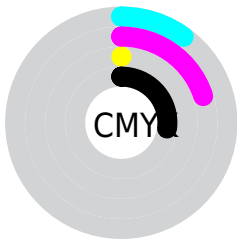
Blue (73%)



Red (65%)

Yellow (58%)

Blue (73%)

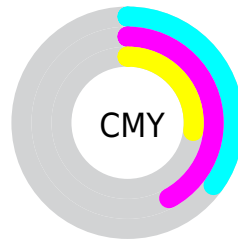


Cyan (10%)

Magenta (20%)

Yellow (0%)

Black (27%)



Cyan (35%)


Magenta (42%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 22.384, 310.015 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 64, 22.384, 310.015 by changing the saturation by 10% instead.


 64, 22.384,
310.015


 64, 22.384,
310.015


 100, 22.384,
310.015


 54, 22.384,
310.015


 84, 22.384,
310.015

 44, 22.384,
310.015

 94, 22.384,
310.015

 34, 22.384,
310.015

 24, 22.384,
310.015

 14, 22.384,
310.015

 4, 22.384, 310.015

 0, 22.384, 310.015

64, 22.384,
310.015

64, 22.384,
310.015

58, 33.739,
310.537

70, 11.285,
309.522

53, 45.261,
311.076

75, 0.493, 308.860

81, 9.975, 128.696

48, 56.771,
311.607

86, 20.119,
128.333

43, 67.969,
312.082

92, 29.945,
128.015

38, 78.380,
312.435

96, 37.106,
126.724

34, 87.330,
312.568

97, 36.045,
121.647

31, 94.041,
312.371

98, 35.297,
116.207

29, 98.329,

311.892

 98, 34.899,
110.497

Harmonies

Complementary

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



64, 22.384, 310.015



73, 21.771, 128.146

Rectangle

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



64, 22.384, 310.015



64, 22.384, 0.015



64, 22.384, 130.015



64, 22.384, 180.015

Sweetspot

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



64, 22.382, 310.014



91, 7.990, 309.316



68, 12.056, 256.483



49, 5.347, 309.347



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 22.382, 310.014



78, 34.167, 310.270



66, 25.161, 325.075



36, 6.049, 309.469



24, 86.141, 312.046



2, 15.953, 304.903

Inverse Universe

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



65, 17.950, 345.419



80, 27.325, 345.920



72, 25.129, 142.731



36, 4.869, 344.373



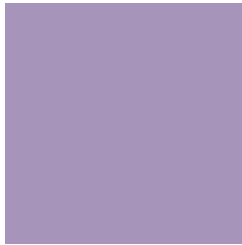
33, 58.650, 1.375



3, 12.208, 350.787

Previews

White Background



This preview shows how the CIELCh color 64, 22.384, 310.015 looks on a white background.

Color Contrast Check

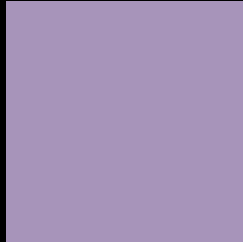
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 64, 22.384, 310.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

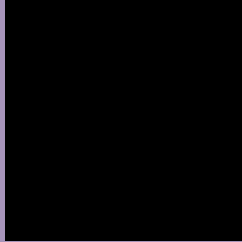
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 22.384, 310.015

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.384, 310.015.



This preview shows how white text looks on a background with the CIELCh color 64, 22.384, 310.015.

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


64, 22.384, 310.015

Protanopia

64, 20.156, 285.456

Deuteranopia

64, 18.508, 296.496



Tritanopia
64, 7.923, 322.509

Trichromacy



Original Color
64, 22.384, 310.015

Protanomaly
64, 20.129, 294.283

Deuteranomaly
64, 19.945, 302.479

Tritanomaly
64, 13.402, 314.202

Monochromacy



Original Color
64, 22.384, 310.015

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 8.265, 309.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.384, 310.015 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, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 148, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.384, 310.015 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, 148, 186) }
```

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

```
.border{ border-color:rgb(167, 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(167, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 148,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.384, 310.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 148, 186) }
```

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

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