

Converting Colors

CIELCh(64, 12.124, 316.739)

Have a look what the booklet for
CIELCh(64, 12.124, 316.739)
contains.

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Color

CIELCh(64, 12.389, 316.207)

Conversions

Conversions Part 1

Format	Color
Hex	A496AA
RGB	164, 150, 170
RGB Percent	64%, 59%, 67%
CMY	0.3552, 0.4101, 0.3317
CMYK	0.04, 0.12, 0.00, 0.33
HSL	282°, 11%, 63%
HSV	282°, 12%, 67%
XYZ	33.6661, 32.8017, 42.7983
YIQ	156.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

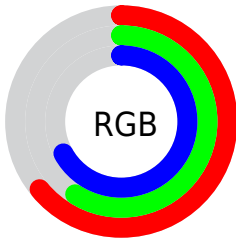
Format	Color
RYB	164, 150, 170
Decimal	10786474
CIELab	64.00, 8.94, -8.57
CIElCh	64, 12.389, 316.207
Yxy	32.8017, 0.3081, 0.3002
Android (android.graphics.Color)	4288976554 (0xFFA496AA)
YUV	156.4660, 6.6723, 6.6073
Hunter-Lab	57.2727, 4.6988, -4.2148

Details

The CIELCh color $64, 12.389, 316.207$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 12.272, 135.245$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 12.363, 316.560$, and $44, 12.576, 315.869$ is the 20% darker color. If you saturate the color by 10%, you get $59, 23.151, 316.640$, and if you desaturate by 10%, it is $69, 1.821, 315.717$.

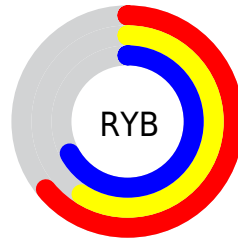
Distribution



Red (64%)

Green (59%)

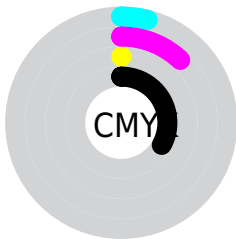
Blue (67%)



Red (64%)

Yellow (59%)

Blue (67%)

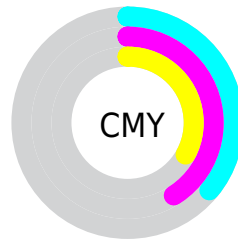


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (36%)


Magenta (41%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 12.389, 316.207 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, 12.389, 316.207 by changing the saturation by 10% instead.

 64, 12.389,
316.207


 64, 12.389,
316.207


 100, 12.389,
316.207


 54, 12.389,
316.207


 84, 12.389,
316.207

 44, 12.389,
316.207

 94, 12.389,
316.207

 34, 12.389,
316.207

 24, 12.389,
316.207

 14, 12.389,
316.207

 4, 12.389, 316.207

 0, 12.389, 316.207

64, 12.389,
316.207

64, 12.389,
316.207

59, 23.151,
316.640

69, 1.821, 315.717

54, 34.017,
317.072

74, 8.493, 135.433

50, 44.826,
317.484

79, 18.529,
135.060

46, 55.332,
317.848

84, 28.275,
134.723

42, 65.179,
318.122

89, 37.735,
134.418

38, 73.893,
318.256

94, 46.916,
134.142


35, 80.930,
318.186


95, 47.405,
132.488

33, 85.805,

95, 46.588,
130.520

317.851

 95, 45.825,
128.454

 31, 88.511,
317.420

Harmonies

Complementary

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



64, 12.389, 316.207



68, 12.272, 135.245

Rectangle

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



64, 12.389, 316.207



64, 12.389, 6.207



64, 12.389, 136.207



64, 12.389, 186.207

Sweetspot

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



64, 12.387, 316.206



86, 5.192, 315.862



64, 8.057, 275.228



46, 3.722, 315.898



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 12.387, 316.206



80, 18.353, 316.315



64, 11.745, 331.226



33, 5.896, 316.099



27, 79.702, 317.529



1, 10.455, 313.314

Inverse Universe

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



64, 8.465, 357.027



80, 12.573, 357.298



68, 11.707, 149.787



33, 4.019, 356.765



31, 58.093, 20.012



2, 7.051, 358.919

Previews

White Background



This preview shows how the CIELCh color 64, 12.389, 316.207 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, 12.389, 316.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

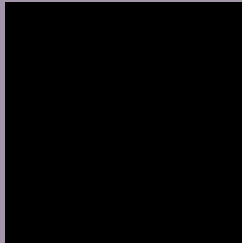
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 12.389, 316.207

Background



This preview shows how black text looks on a background with the CIELCh color 64, 12.389, 316.207.



This preview shows how white text looks on a background with the CIELCh color 64, 12.389, 316.207.

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, 12.389, 316.207

Protanopia

64, 10.601, 289.346

Deuteranopia

64, 11.565, 313.975



Tritanopia
64, 7.459, 324.774

Trichromacy



Original Color
64, 12.389, 316.207

Protanomaly
64, 10.733, 299.166

Deuteranomaly
64, 11.716, 315.678

Tritanomaly
64, 9.747, 321.161

Monochromacy



Original Color
64, 12.389, 316.207

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.360, 316.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 12.389, 316.207 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(164, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 150, 170)  
}
```

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(164, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 150, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 12.389, 316.207 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(164, 150, 170) }
```

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

```
.border{ border-color:rgb(164, 150, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 150,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 12.389, 316.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 150, 170) }
```

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

```
.background{ background-color: rgb(164,  
150, 170) }
```

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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