

Converting Colors

CIELCh(64, 8.341, 216.337)

Have a look what the booklet for
CIELCh(64, 8.341, 216.337) contains.

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Color

CIELCh(64, 8.400, 218.249)

Conversions

Conversions Part 1

Format	Color
Hex	899FA4
RGB	137, 159, 164
RGB Percent	54%, 62%, 64%
CMY	0.4627, 0.3764, 0.3568
CMYK	0.16, 0.03, 0.00, 0.36
HSL	191°, 13%, 59%
HSV	191°, 16%, 64%
XYZ	29.4217, 32.8017, 39.9093
YIQ	152.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

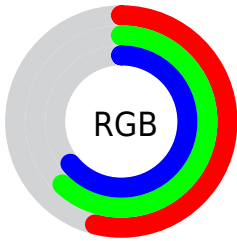
Format	Color
R_YB	137, 149, 164
Decimal	9019300
CIE Lab	64.00, -6.60, -5.20
CIE LCh	64, 8.400, 218.249
Yxy	32.8017, 0.2881, 0.3212
Android (android.graphics.Color)	4287209380 (0xFF899FA4)
YUV	152.9920, 5.4269, -14.0250
Hunter-Lab	57.2727, -8.5297, -1.2241

Details

The CIELCh color $64, 8.400, 218.249$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.336, 37.577$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.366, 217.353$, and $44, 8.332, 215.346$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.085, 218.673$, and if you desaturate by 10%, it is $66, 3.385, 218.025$.

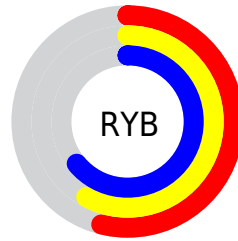
Distribution



Red (54%)

Green (62%)

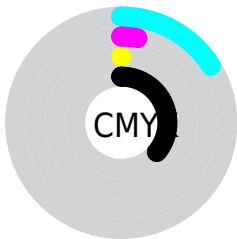
Blue (64%)



Red (54%)

Yellow (58%)

Blue (64%)

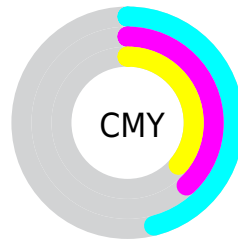


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (46%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.400, 218.249 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, 8.400, 218.249 by changing the saturation by 10% instead.

■ 64, 8.400, 218.249

■ 64, 8.400, 218.249

■ 100, 8.400,
218.249

■ 54, 8.400, 218.249

■ 84, 8.400, 218.249

■ 44, 8.400, 218.249

■ 94, 8.400, 218.249

■ 34, 8.400, 218.249

■ 24, 8.400, 218.249

■ 14, 8.400, 218.249

■ 4, 8.400, 218.249

■ 0, 8.400, 218.249

■ 64, 8.400, 218.249

■ 64, 8.400, 218.249

■ 62, 13.085,

■ 66, 3.385, 218.025

218.673

68, 1.891, 37.462

60, 17.363,
219.318

70, 7.367, 37.569

59, 21.154,
220.218

73, 12.989, 37.591

57, 24.385,
221.430

75, 18.716, 37.652

55, 26.999,
223.025

80, 30.352, 37.877

54, 28.968,
225.077

81, 30.980, 40.498

53, 30.311,
227.659

81, 30.450, 43.830

52, 31.124,
230.801

51, 31.380,
231.952

Harmonies

Complementary

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



64, 8.400, 218.249



61, 9.336, 37.577

Rectangle

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



64, 8.400, 218.249



64, 8.400, 268.249



64, 8.400, 38.249



64, 8.400, 88.249

Sweetspot

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



64, 8.400, 218.239



84, 3.266, 218.031



65, 16.138, 148.875



44, 2.221, 218.026



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 8.400, 218.239



81, 12.537, 218.386



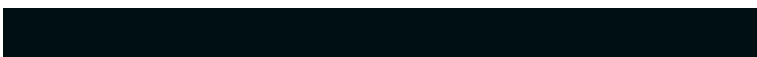
60, 10.789, 274.658



34, 2.931, 218.053



46, 28.706, 231.550



3, 4.563, 223.141

Inverse Universe

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



60, 16.170, 331.000



75, 24.447, 331.250



64, 10.788, 90.406



32, 5.513, 330.542



33, 65.999, 337.058



1, 8.252, 331.632

Previews

White Background



This preview shows how the CIELCh color 64, 8.400, 218.249 looks on a white background.

Color Contrast Check

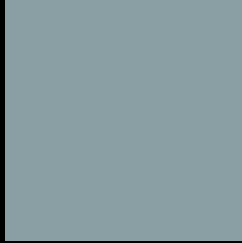
Large Text (above 18pt) WCAG AA × Fail

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 64, 8.400, 218.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

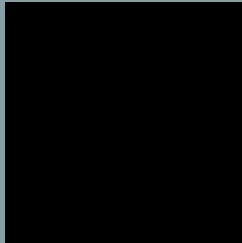
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

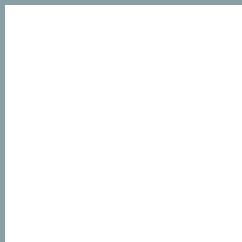
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 8.400, 218.249

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.400, 218.249.



This preview shows how white text looks on a background with the CIELCh color 64, 8.400, 218.249.

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, 8.400, 218.249

Protanopia

64, 3.993, 301.505

Deuteranopia

64, 10.624, 323.217



Tritanopia
64, 10.024, 245.496

Trichromacy



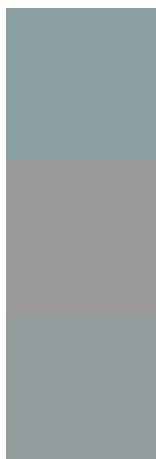
Original Color
64, 8.400, 218.249

Protanomaly
64, 4.204, 252.189

Deuteranomaly
64, 6.758, 297.238

Tritanomaly
64, 8.984, 237.460

Monochromacy



Original Color
64, 8.400, 218.249

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.194, 219.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.400, 218.249 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(137, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(137, 159, 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(137, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 159, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.400, 218.249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

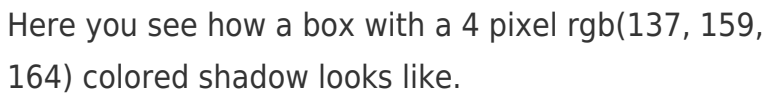
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 159, 164) }
```

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

```
.border{ border-color:rgb(137, 159, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(137, 159,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.400, 218.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 159, 164) }
```

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

```
.background{ background-color: rgb(137,  
159, 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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