

Converting Colors

CIELCh(64, 9.577, 242.998)

Have a look what the booklet for
CIELCh(64, 9.577, 242.998) contains.

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Color

CIELCh(64, 9.658, 243.007)

Conversions

Conversions Part 1

Format	Color
Hex	8A9EAA
RGB	138, 158, 170
RGB Percent	54%, 62%, 67%
CMY	0.4585, 0.3800, 0.3330
CMYK	0.19, 0.07, 0.00, 0.33
HSL	202°, 16%, 60%
HSV	202°, 19%, 67%
XYZ	30.0031, 32.8017, 42.8264
YIQ	153.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

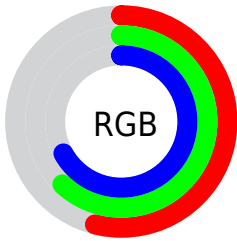
Format	Color
RYB	138, 150, 170
Decimal	9084586
CIELab	64.00, -4.38, -8.61
CIElCh	64, 9.658, 243.007
Yxy	32.8017, 0.2840, 0.3105
Android (android.graphics.Color)	4287274666 (0xFF8A9EAA)
YUV	153.3880, 8.1897, -13.4953
Hunter-Lab	57.2727, -6.7178, -4.2439

Details

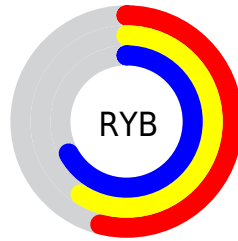
The CIELCh color `64, 9.658, 243.007` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 10.531, 59.084`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 9.479, 241.060`, and `44, 9.539, 242.730` is the 20% darker color. If you saturate the color by 10%, you get `61, 14.509, 244.482`, and if you desaturate by 10%, it is `67, 4.600, 241.822`.

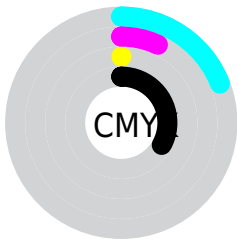
Distribution



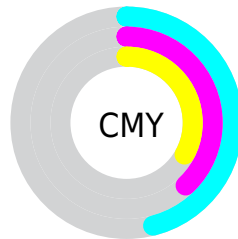
- Red (54%)
- Green (62%)
- Blue (67%)



- Red (54%)
- Yellow (59%)
- Blue (67%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (46%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.658, 243.007 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, 9.658, 243.007 by changing the saturation by 10% instead.

■ 64, 9.658, 243.007

■ 64, 9.658, 243.007

■ 100, 9.658,
243.007

■ 54, 9.658, 243.007

■ 84, 9.658, 243.007

■ 44, 9.658, 243.007

■ 94, 9.658, 243.007

■ 34, 9.658, 243.007

■ 24, 9.658, 243.007

■ 14, 9.658, 243.007

■ 4, 9.658, 243.007

■ 0, 9.658, 243.007

■ 64, 9.658, 243.007

■ 64, 9.658, 243.007

■ 61, 14.509,

■ 67, 4.600, 241.822

244.482

70, 0.621, 60.071

58, 19.111,
246.310

73, 5.966, 59.833

55, 23.421,
248.554

76, 11.400, 59.179

53, 27.413,
251.290

79, 16.895, 58.617

50, 31.084,
254.590

82, 22.427, 58.140

48, 34.472,
258.496

85, 27.278, 58.828

46, 37.661,
262.990

87, 27.634, 66.985

43, 40.811,
267.846

88, 28.542, 74.753

43, 41.199,
268.396

Harmonies

Complementary

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



64, 9.658, 243.007



64, 10.531, 59.084

Rectangle

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



64, 9.658, 243.007



64, 9.658, 293.007



64, 9.658, 63.007



64, 9.658, 113.007

Sweetspot

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



64, 9.658, 242.999



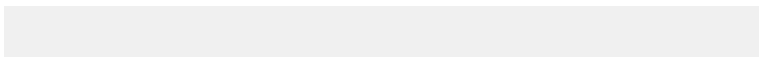
86, 3.903, 241.570



67, 16.587, 155.670



46, 2.607, 241.624



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, 9.658, 242.999



80, 14.531, 243.642



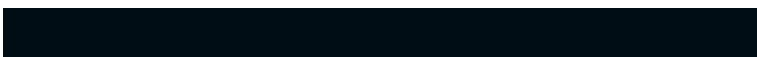
60, 15.732, 286.402



34, 2.925, 241.869



38, 36.872, 267.755



3, 5.591, 250.155

Inverse Universe

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



61, 16.684, 338.876



75, 25.372, 339.258



68, 15.278, 102.118



33, 4.939, 338.116



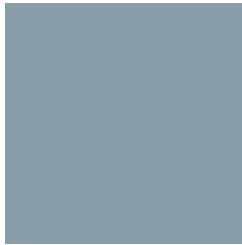
32, 59.108, 350.237



2, 8.454, 341.192

Previews

White Background



This preview shows how the CIELCh color 64, 9.658, 243.007 looks on a white background.

Color Contrast Check

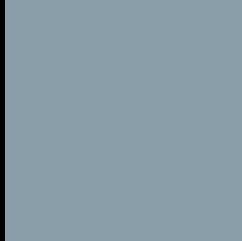
Large Text (above 18pt) WCAG AA × Fail

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, 9.658, 243.007 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

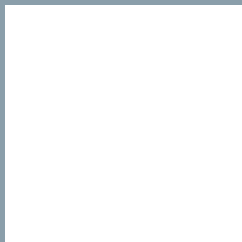
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 9.658, 243.007

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.658, 243.007.



This preview shows how white text looks on a background with the CIELCh color 64, 9.658, 243.007.

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, 9.658, 243.007

Protanopia

64, 7.256, 290.961

Deuteranopia

64, 12.469, 310.420



Tritanopia
64, 10.024, 245.496

Trichromacy



Original Color
64, 9.658, 243.007

Protanomaly
64, 7.641, 271.366

Deuteranomaly
64, 9.487, 288.987

Tritanomaly
64, 10.024, 245.496

Monochromacy



Original Color
64, 9.658, 243.007

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 3.417, 240.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.658, 243.007 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(138, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(138, 158, 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(138, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 158, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.658, 243.007 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(138, 158, 170) }
```

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

```
.border{ border-color:rgb(138, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(138, 158,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.658, 243.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 158, 170) }
```

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

```
.background{ background-color: rgb(138,  
158, 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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