

Converting Colors

CIELCh(64, 4.884, 207.607)

Have a look what the booklet for
CIELCh(64, 4.884, 207.607) contains.

CIELCh(64, 4.876, 205.643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 4.876, 205.643)

Conversions

Conversions Part 1

Format	Color
Hex	919E9F
RGB	145, 158, 159
RGB Percent	57%, 62%, 62%
CMY	0.4328, 0.3819, 0.3779
CMYK	0.09, 0.01, 0.00, 0.38
HSL	184°, 7%, 59%
HSV	184°, 9%, 62%
XYZ	29.9998, 32.8017, 37.3798
YIQ	154.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

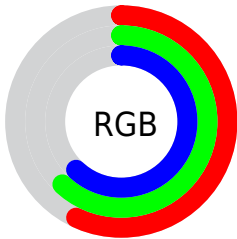
Format	Color
RYB	145, 152, 159
Decimal	9543327
CIELab	64.00, -4.40, -2.11
CIELCh	64, 4.876, 205.643
Yxy	32.8017, 0.2995, 0.3274
Android (android.graphics.Color)	4287733407 (0xFF919E9F)
YUV	154.2270, 2.3531, -8.0921
Hunter-Lab	57.2727, -6.7278, 1.3945

Details

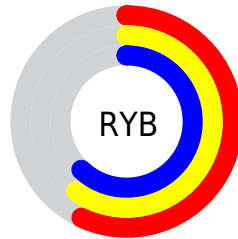
The CIELCh color $64, 4.876, 205.643$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.155, 26.017$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.986, 205.241$, and $44, 4.796, 206.106$ is the 20% darker color. If you saturate the color by 10%, you get $63, 10.116, 205.354$, and if you desaturate by 10%, it is $66, 0.666, 25.115$.

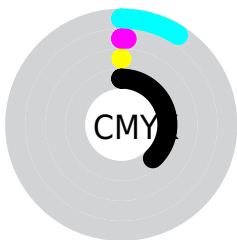
Distribution



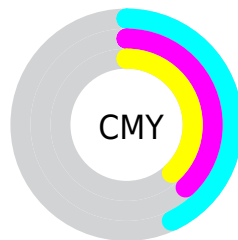
- Red (57%)
- Green (62%)
- Blue (62%)



- Red (57%)
- Yellow (60%)
- Blue (62%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.876, 205.643 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, 4.876, 205.643 by changing the saturation by 10% instead.

■ 64, 4.876, 205.643

■ 64, 4.876, 205.643

■ 100, 4.876,
205.643

■ 54, 4.876, 205.643

■ 84, 4.876, 205.643

■ 44, 4.876, 205.643

■ 94, 4.876, 205.643

■ 34, 4.876, 205.643

■ 24, 4.876, 205.643

■ 14, 4.876, 205.643

■ 4, 4.876, 205.643

■ 0, 4.876, 205.643

■ 64, 4.876, 205.643

■ 64, 4.876, 205.643

■ 63, 10.116,

■ 66, 0.666, 25.115

205.354

67, 6.439, 26.085

61, 14.967,
205.200

69, 12.378, 26.499

60, 19.343,
205.157

71, 18.429, 26.919

59, 23.157,
205.241

73, 24.549, 27.352

58, 26.331,
205.473

77, 36.591, 28.260

57, 28.807,
205.877

77, 36.241, 29.184

57, 30.561,
206.478

77, 35.901, 30.126

56, 31.607,
207.296

56, 32.095,
208.310

Harmonies

Complementary

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



64, 4.876, 205.643



61, 5.155, 26.017

Rectangle

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



64, 4.876, 205.643



64, 4.876, 255.643



64, 4.876, 25.643



64, 4.876, 75.643

Sweetspot

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



64, 4.877, 205.626



82, 2.085, 205.962



64, 9.106, 145.793



44, 1.590, 205.884



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 4.877, 205.626



81, 7.493, 205.546



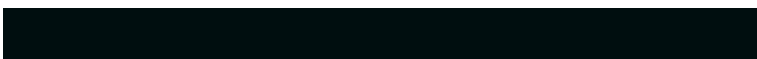
62, 4.953, 263.476



33, 3.114, 205.611



50, 29.785, 208.313



3, 4.115, 207.318

Inverse Universe

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



62, 9.094, 326.882



77, 14.078, 327.021



63, 5.006, 81.136



31, 5.814, 326.906



33, 71.048, 331.220



1, 7.484, 326.876

Previews

White Background



This preview shows how the CIELCh color 64, 4.876, 205.643 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, 4.876, 205.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

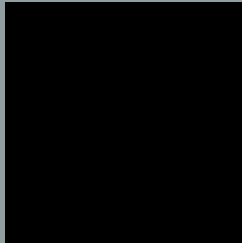
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

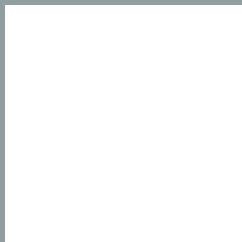
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 4.876, 205.643

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.876, 205.643.



This preview shows how white text looks on a background with the CIELCh color 64, 4.876, 205.643.

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

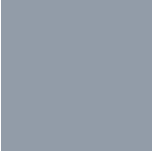
64, 4.876, 205.643

Protanopia

64, 2.045, 324.439

Deuteranopia

64, 8.610, 339.916



Tritanopia
64, 7.548, 261.979

Trichromacy



Original Color
64, 4.876, 205.643

Protanomaly
64, 1.831, 265.944

Deuteranomaly
64, 4.081, 324.591

Tritanomaly
64, 5.955, 247.826

Monochromacy



Original Color
64, 4.876, 205.643

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.611, 219.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.876, 205.643 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(145, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(145, 158, 159)  
}
```

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(145, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 158, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.876, 205.643 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(145, 158, 159) }
```

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

```
.border{ border-color:rgb(145, 158, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(145, 158,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.876, 205.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 158, 159) }
```

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

```
.background{ background-color: rgb(145,  
158, 159) }
```

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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