

Converting Colors

CIELCh(64, 1.562, 213.207)

Have a look what the booklet for
CIELCh(64, 1.562, 213.207) contains.

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Color

CIELCh(64, 1.609, 219.833)

Conversions

Conversions Part 1

Format	Color
Hex	989C9D
RGB	152, 156, 157
RGB Percent	60%, 61%, 62%
CMY	0.4046, 0.3889, 0.3850
CMYK	0.03, 0.01, 0.00, 0.39
HSL	192°, 2%, 61%
HSV	192°, 3%, 61%
XYZ	30.8431, 32.8017, 36.5221
YIQ	154.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

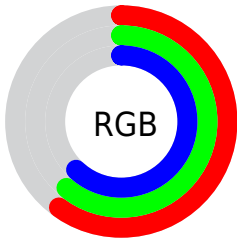
Format	Color
RYB	152, 154, 157
Decimal	10001565
CIELab	64.00, -1.24, -1.03
CIELCh	64, 1.609, 219.833
Yxy	32.8017, 0.3079, 0.3275
Android (android.graphics.Color)	4288191645 (0xFF989C9D)
YUV	154.9180, 1.0264, -2.5591
Hunter-Lab	57.2727, -4.0998, 2.2825

Details

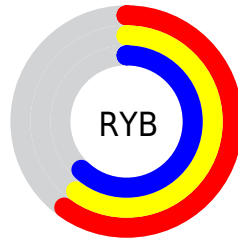
The CIELCh color **64, 1.609, 219.833** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 1.637, 39.077**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 1.772, 236.215**, and **44, 1.722, 219.786** is the 20% darker color. If you saturate the color by 10%, you get **62, 6.497, 219.882**, and if you desaturate by 10%, it is **66, 3.503, 39.158**.

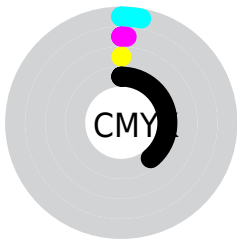
Distribution



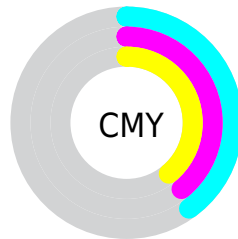
- Red (60%)
- Green (61%)
- Blue (62%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 1.609, 219.833 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, 1.609, 219.833 by changing the saturation by 10% instead.

■ 64, 1.609, 219.833

■ 64, 1.609, 219.833

■ 100, 1.609,
219.833

■ 54, 1.609, 219.833

■ 84, 1.609, 219.833

■ 44, 1.609, 219.833

■ 94, 1.609, 219.833

■ 34, 1.609, 219.833

■ 24, 1.609, 219.833

■ 14, 1.609, 219.833

■ 4, 1.609, 219.833

■ 0, 1.609, 219.833

■ 64, 1.609, 219.833

■ 64, 1.609, 219.833

■ 62, 6.497, 219.882

■ 66, 3.503, 39.158

60, 11.098,
220.329

68, 8.786, 39.127

58, 15.341,
220.988

71, 14.195, 39.109

56, 19.154,
221.899

73, 19.691, 39.135

55, 22.465,
223.119

75, 25.244, 39.198

53, 25.215,
224.717

78, 30.831, 39.291

52, 27.369,
226.772

79, 33.812, 40.633

50, 28.930,
229.361

80, 33.255, 43.754

49, 29.956,
232.547

81, 32.803, 46.977

Harmonies

Complementary

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



64, 1.609, 219.833



63, 1.637, 39.077

Rectangle

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



64, 1.609, 219.833



64, 1.609, 269.833



64, 1.609, 39.833



64, 1.609, 89.833

Sweetspot

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



64, 1.609, 219.772



82, 0.630, 220.312



64, 2.984, 149.847



43, 0.358, 220.366



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



64, 1.609, 219.772



81, 2.497, 219.734



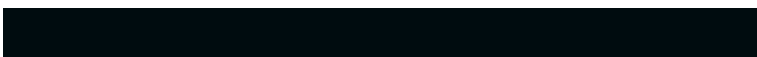
63, 1.996, 272.913



33, 1.432, 219.723



44, 28.471, 234.568



3, 3.734, 223.244

Inverse Universe

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



63, 2.965, 330.615



80, 4.612, 330.688



64, 1.982, 91.959



32, 2.649, 330.729



32, 64.483, 337.879



1, 6.751, 331.664

Previews

White Background



This preview shows how the CIELCh color 64, 1.609, 219.833 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, 1.609, 219.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

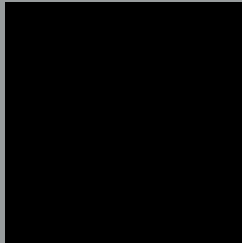
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 1.609, 219.833

Background



This preview shows how black text looks on a background with the CIELCh color 64, 1.609, 219.833.



This preview shows how white text looks on a background with the CIELCh color 64, 1.609, 219.833.

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, 1.609, 219.833

Protanopia

64, 1.616, 335.615

Deuteranopia

64, 8.604, 349.092



Tritanopia
64, 7.260, 288.043

Trichromacy



Original Color

64, 1.609, 219.833

Protanomaly

64, 0.565, 290.332

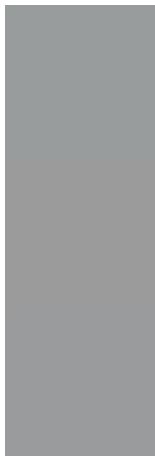
Deuteranomaly

64, 5.413, 341.742

Tritanomaly

64, 4.514, 281.133

Monochromacy



Original Color

64, 1.609, 219.833

Achromatopsia

64, 0.008, 296.813

Achromatomaly

64, 0.676, 256.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 1.609, 219.833 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(152, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(152, 156, 157)  
}
```

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(152, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 156, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 1.609, 219.833 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(152, 156, 157) }
```

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

```
.border{ border-color:rgb(152, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(152, 156,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 1.609, 219.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 156, 157) }
```

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

```
.background{ background-color: rgb(152,  
156, 157) }
```

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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