

Converting Colors

CIELCh(64, 4.969, 206.850)

Have a look what the booklet for
CIELCh(64, 4.969, 206.850) contains.

CIELCh(64, 5.239, 205.150)	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, 5.239, 205.150)

Conversions

Conversions Part 1

Format	Color
Hex	909E9F
RGB	144, 158, 159
RGB Percent	56%, 62%, 62%
CMY	0.4360, 0.3811, 0.3772
CMYK	0.09, 0.01, 0.00, 0.38
HSL	184°, 7%, 59%
HSV	184°, 9%, 62%
XYZ	29.9083, 32.8017, 37.4731
YIQ	153.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

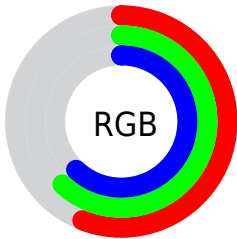
Format	Color
R_{YB}	144, 151, 159
Decimal	9477791
CIE _{Lab}	64.00, -4.74, -2.23
CIE _{LCh}	64, 5.239, 205.150
Yxy	32.8017, 0.2985, 0.3274
Android (android.graphics.Color)	4287667871 (0xFF909E9F)
YUV	153.9280, 2.5005, -8.7069
Hunter-Lab	57.2727, -7.0131, 1.2979

Details

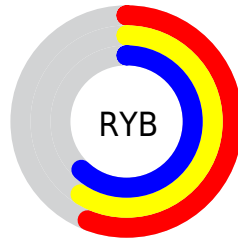
The CIELCh color `64, 5.239, 205.150` is a light color, and the websafe version is hex `999999`. A complement of this color would be `61, 5.561, 25.615`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 5.333, 204.814`, and `44, 5.178, 205.526` is the 20% darker color. If you saturate the color by 10%, you get `63, 10.485, 204.851`, and if you desaturate by 10%, it is `66, 0.317, 23.867`.

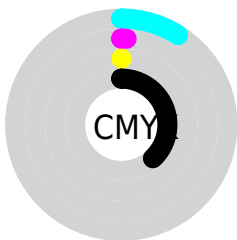
Distribution



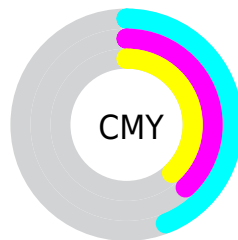
- Red (56%)
- Green (62%)
- Blue (62%)



- Red (56%)
- Yellow (59%)
- Blue (62%)



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



- Cyan (44%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 5.239, 205.150 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, 5.239, 205.150 by changing the saturation by 10% instead.

■ 64, 5.239, 205.150

■ 64, 5.239, 205.150

■ 100, 5.239,
205.150

■ 54, 5.239, 205.150

■ 84, 5.239, 205.150

■ 44, 5.239, 205.150

■ 94, 5.239, 205.150

■ 34, 5.239, 205.150

■ 24, 5.239, 205.150

■ 14, 5.239, 205.150

■ 4, 5.239, 205.150

■ 0, 5.239, 205.150

■ 64, 5.239, 205.150

■ 64, 5.239, 205.150

■ 63, 10.485,

■ 66, 0.317, 23.867

204.851

67, 6.108, 25.625

61, 15.336,
204.681

69, 12.069, 26.055

60, 19.704,
204.618

71, 18.145, 26.488

59, 23.500,
204.677

73, 24.291, 26.933

58, 26.650,
204.880

74, 30.474, 27.387

57, 29.096,
205.248

77, 36.664, 27.846

57, 30.817,
205.803

77, 36.334, 28.702

56, 31.831,
206.565

56, 32.309,
207.503

Harmonies

Complementary

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



64, 5.239, 205.150



61, 5.561, 25.615

Rectangle

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



64, 5.239, 205.150



64, 5.239, 255.150



64, 5.239, 25.150



64, 5.239, 75.150

Sweetspot

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



64, 5.240, 205.134



82, 2.094, 205.504



64, 9.874, 145.279



44, 1.597, 205.424



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, 5.240, 205.134



81, 7.525, 205.073



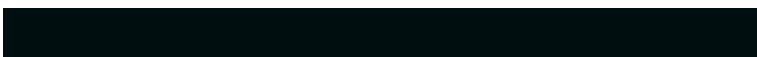
62, 5.223, 261.915



33, 3.127, 205.141



50, 29.931, 207.445



3, 4.136, 206.765

Inverse Universe

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



61, 9.780, 326.779



77, 14.125, 326.881



63, 5.298, 79.420



31, 5.833, 326.768



33, 71.308, 331.007



1, 7.513, 326.709

Previews

White Background



This preview shows how the CIELCh color 64, 5.239, 205.150 looks on a white background.

Color Contrast Check

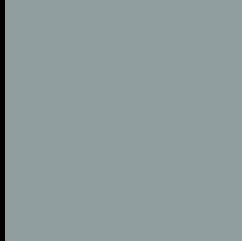
Large Text (above 18pt) WCAG AA × Fail

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, 5.239, 205.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

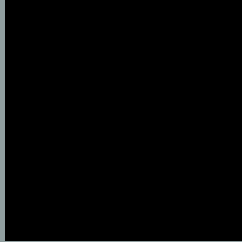
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

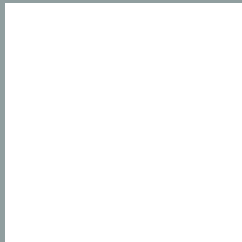
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 5.239, 205.150

Background



This preview shows how black text looks on a background with the CIELCh color 64, 5.239, 205.150.



This preview shows how white text looks on a background with the CIELCh color 64, 5.239, 205.150.

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

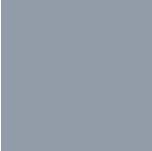
64, 5.239, 205.150

Protanopia

64, 2.045, 324.439

Deuteranopia

64, 8.610, 339.916



Tritanopia
64, 8.034, 264.019

Trichromacy



Original Color
64, 5.239, 205.150

Protanomaly
64, 2.011, 256.031

Deuteranomaly
64, 4.551, 320.648

Tritanomaly
64, 6.199, 245.314

Monochromacy



Original Color
64, 5.239, 205.150

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.969, 215.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 5.239, 205.150 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(144, 158, 159)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 158, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 158, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 5.239, 205.150 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(144, 158, 159) }
```

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

```
.border{ border-color:rgb(144, 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(144, 158, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 158, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 158, 159);  
box-shadow:4px 4px 4px 4px rgb(144, 158,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 5.239, 205.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 158, 159) }
```

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

```
.background{ background-color: rgb(144,  
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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