

Converting Colors

CIELCh(65, 3.938, 232.252)

Have a look what the booklet for
CIELCh(65, 3.938, 232.252) contains.

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Color

CIELCh(65, 3.987, 233.220)

Conversions

Conversions Part 1

Format	Color
Hex	969FA3
RGB	150, 159, 163
RGB Percent	59%, 62%, 64%
CMY	0.4108, 0.3754, 0.3598
CMYK	0.08, 0.02, 0.00, 0.36
HSL	198°, 7%, 61%
HSV	198°, 8%, 64%
XYZ	31.7016, 34.0472, 39.6732
YIQ	156.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

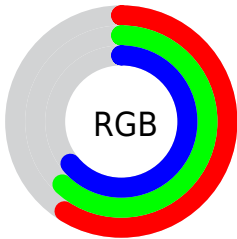
Format	Color
RYB	150, 155, 163
Decimal	9871267
CIELab	65.00, -2.39, -3.19
CIELCh	65, 3.987, 233.220
Yxy	34.0472, 0.3007, 0.3230
Android (android.graphics.Color)	4288061347 (0xFF969FA3)
YUV	156.7650, 3.0739, -5.9329
Hunter-Lab	58.3500, -5.1333, 0.5326

Details

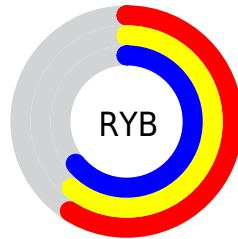
The CIELCh color $65, 3.987, 233.220$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.151, 51.851$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.087, 230.347$, and $45, 3.960, 226.045$ is the 20% darker color. If you saturate the color by 10%, you get $62, 8.803, 234.068$, and if you desaturate by 10%, it is $68, 1.032, 51.931$.

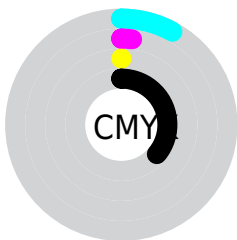
Distribution



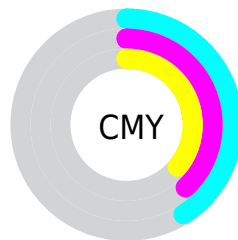
- Red (59%)
- Green (62%)
- Blue (64%)



- Red (59%)
- Yellow (61%)
- Blue (64%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.987, 233.220 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 65, 3.987, 233.220 by changing the saturation by 10% instead.

■ 65, 3.987, 233.220

■ 65, 3.987, 233.220

■ 100, 3.987,
233.220

■ 55, 3.987, 233.220

■ 85, 3.987, 233.220

■ 45, 3.987, 233.220

■ 95, 3.987, 233.220

■ 35, 3.987, 233.220

■ 25, 3.987, 233.220

■ 15, 3.987, 233.220

■ 5, 3.987, 233.220

■ 0, 3.987, 233.220

■ 65, 3.987, 233.220

■ 65, 3.987, 233.220

■ 62, 8.803, 234.068

■ 68, 1.032, 51.931

60, 13.364,
235.225

70, 6.207, 51.693

58, 17.613,
236.696

73, 11.498, 51.259

55, 21.496,
238.549

76, 16.872, 50.899

53, 24.966,
240.864

81, 27.764, 50.377

51, 28.001,
243.729

83, 29.839, 53.721

49, 30.613,
247.219

84, 29.754, 59.649

47, 32.865,
251.369

86, 29.996, 65.541

45, 34.908,
256.052

Harmonies

Complementary

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



65, 3.987, 233.220



64, 4.151, 51.851

Rectangle

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



65, 3.987, 233.220



65, 3.987, 283.220



65, 3.987, 53.220



65, 3.987, 103.220

Sweetspot

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



65, 3.987, 233.196



84, 1.253, 233.047



66, 7.112, 153.783



45, 0.718, 233.063



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 3.987, 233.196



82, 6.156, 233.361



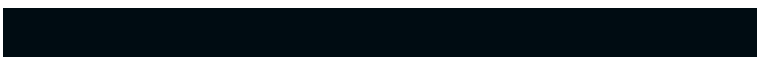
63, 5.880, 281.348



33, 2.823, 233.290



40, 32.301, 256.439



3, 4.492, 239.587

Inverse Universe

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



64, 7.108, 335.085



79, 11.043, 335.247



66, 5.820, 99.498



32, 5.052, 335.180



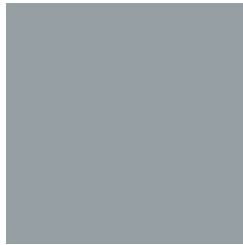
32, 60.655, 345.013



1, 7.489, 337.020

Previews

White Background



This preview shows how the CIELCh color 65, 3.987, 233.220 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 65, 3.987, 233.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

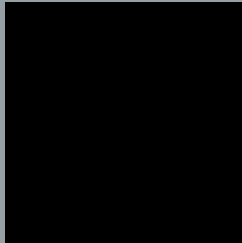
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

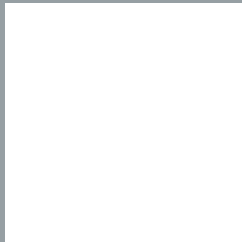
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.987, 233.220

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.987, 233.220.



This preview shows how white text looks on a background with the CIELCh color 65, 3.987, 233.220.

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

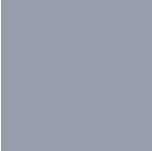
65, 3.987, 233.220

Protanopia

65, 2.896, 305.624

Deuteranopia

65, 9.327, 334.686



Tritanopia
65, 7.615, 271.339

Trichromacy



Original Color
65, 3.987, 233.220

Protanomaly
65, 2.340, 271.665

Deuteranomaly
65, 5.885, 321.624

Tritanomaly
65, 6.081, 265.711

Monochromacy



Original Color
65, 3.987, 233.220

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.260, 225.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.987, 233.220 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(150, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(150, 159, 163)  
}
```

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(150, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 159, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.987, 233.220 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(150, 159, 163) }
```

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

```
.border{ border-color:rgb(150, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(150, 159,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.987, 233.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 159, 163) }
```

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

```
.background{ background-color: rgb(150,  
159, 163) }
```

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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