

Converting Colors

CIELCh(65, 4.111, 335.561)

Have a look what the booklet for
CIELCh(65, 4.111, 335.561) contains.

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Color

CIELCh(65, 3.878, 333.922)

Conversions

Conversions Part 1

Format	Color
Hex	A39CA1
RGB	163, 156, 161
RGB Percent	64%, 61%, 63%
CMY	0.3615, 0.3890, 0.3694
CMYK	0.00, 0.04, 0.01, 0.36
HSL	317°, 4%, 62%
HSV	317°, 4%, 64%
XYZ	33.3391, 34.0472, 38.4458
YIQ	158.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

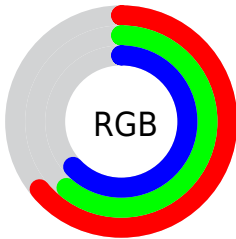
Format	Color
RYB	163, 156, 161
Decimal	10722465
CIELab	65.00, 3.48, -1.70
CIELCh	65, 3.878, 333.922
Yxy	34.0472, 0.3150, 0.3217
Android (android.graphics.Color)	4288912545 (0xFFA39CA1)
YUV	158.6630, 1.1521, 3.8035
Hunter-Lab	58.3500, -0.1240, 1.7798

Details

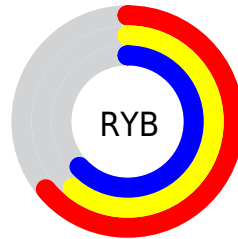
The CIELCh color $65, 3.878, 333.922$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 3.857, 153.511$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.306, 332.496$, and $45, 3.882, 329.649$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.987, 334.653$, and if you desaturate by 10%, it is $69, 5.073, 153.419$.

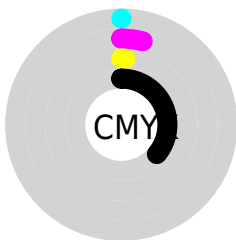
Distribution



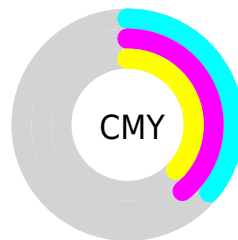
- Red (64%)
- Green (61%)
- Blue (63%)



- Red (64%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (36%)



- Cyan (36%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.878, 333.922 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, 3.878, 333.922 by changing the saturation by 10% instead.

■ 65, 3.878, 333.922

■ 65, 3.878, 333.922

■ 100, 3.878,
333.922

■ 55, 3.878, 333.922

■ 85, 3.878, 333.922

■ 45, 3.878, 333.922

■ 95, 3.878, 333.922

■ 35, 3.878, 333.922

■ 25, 3.878, 333.922

■ 15, 3.878, 333.922

■ 5, 3.878, 333.922

■ 0, 3.878, 333.922

■ 65, 3.878, 333.922

■ 65, 3.878, 333.922

■ 61, 12.987,

■ 69, 5.073, 153.419

334.653

74, 13.800,
152.781

56, 22.160,
335.377

79, 22.278,
152.204

52, 31.234,
336.141

83, 30.496,
151.664

48, 39.976,
336.957

88, 38.455,
151.157

45, 48.068,
337.839

93, 46.167,
150.679

42, 55.115,
338.812

93, 45.227,
152.419

40, 60.693,
339.912

93, 43.461,
154.526

38, 64.441,
341.191

93, 41.740,
156.799

37, 66.194,
342.717

Harmonies

Complementary

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



65, 3.878, 333.922



66, 3.857, 153.511

Rectangle

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



65, 3.878, 333.922



65, 3.878, 23.922



65, 3.878, 153.922



65, 3.878, 203.922

Sweetspot

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



65, 3.876, 333.926



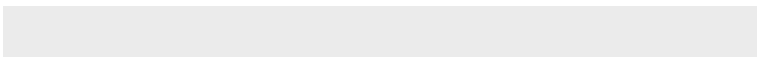
84, 1.119, 333.476



65, 3.981, 301.413



45, 0.642, 333.453



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, 3.876, 333.926



82, 5.587, 333.990



65, 2.828, 2.219



33, 3.070, 334.026



32, 61.499, 343.467



1, 7.613, 336.034

Inverse Universe

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



65, 3.876, 333.926



82, 5.587, 333.990



66, 2.779, 181.768



33, 3.070, 334.026



32, 61.499, 343.467



1, 7.613, 336.034

Previews

White Background



This preview shows how the CIELCh color 65, 3.878, 333.922 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, 3.878, 333.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

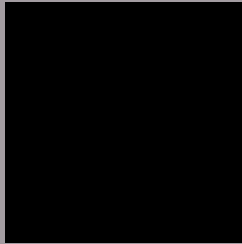
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

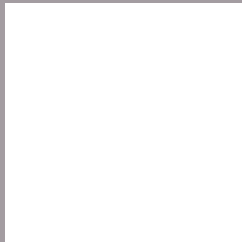
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.878, 333.922

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.878, 333.922.



This preview shows how white text looks on a background with the CIELCh color 65, 3.878, 333.922.

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, 3.878, 333.922

Protanopia

65, 2.365, 309.132

Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 7.524, 317.572

Trichromacy



Original Color
65, 3.878, 333.922

Protanomaly
65, 2.517, 317.332

Deuteranomaly
65, 6.653, 344.279

Tritanomaly
65, 6.556, 321.971

Monochromacy



Original Color
65, 3.878, 333.922

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.611, 335.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.878, 333.922 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(163, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(163, 156, 161)  
}
```

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(163, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 156, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.878, 333.922 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(163, 156, 161) }
```

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

```
.border{ border-color:rgb(163, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 156, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 156, 161);  
box-shadow:4px 4px 4px 4px rgb(163, 156,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.878, 333.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 156, 161) }
```

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

```
.background{ background-color: rgb(163,  
156, 161) }
```

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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