

Converting Colors

CIELCh(65, 7.014, 302.861)

Have a look what the booklet for
CIELCh(65, 7.014, 302.861) contains.

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Color

CIELCh(65, 6.865, 303.429)

Conversions

Conversions Part 1

Format	Color
Hex	A09CA8
RGB	160, 156, 168
RGB Percent	63%, 61%, 66%
CMY	0.3728, 0.3885, 0.3414
CMYK	0.05, 0.07, 0.00, 0.34
HSL	260°, 6%, 64%
HSV	260°, 7%, 66%
XYZ	33.4239, 34.0472, 41.8239
YIQ	158.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

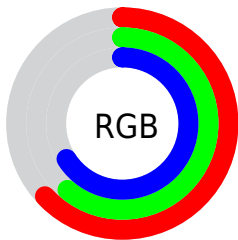
Format	Color
R_{YB}	160, 156, 168
Decimal	10525864
CIE Lab	65.00, 3.78, -5.73
CIE LCh	65, 6.865, 303.429
Yxy	34.0472, 0.3058, 0.3115
Android (android.graphics.Color)	4288715944 (0xFFA09CA8)
YUV	158.5640, 4.6519, 1.2594
Hunter-Lab	58.3500, 0.1355, -1.6527

Details

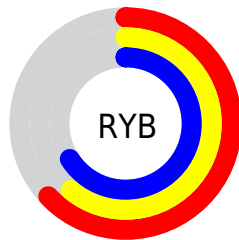
The CIELCh color $65, 6.865, 303.429$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.765, 122.674$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.100, 305.224$, and $45, 6.784, 304.644$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.746, 304.034$, and if you desaturate by 10%, it is $70, 2.686, 122.918$.

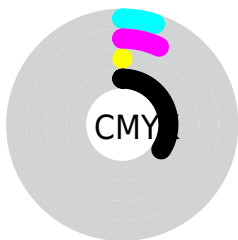
Distribution



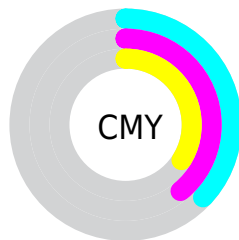
- Red (63%)
- Green (61%)
- Blue (66%)



- Red (63%)
- Yellow (61%)
- Blue (66%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (37%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.865, 303.429 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, 6.865, 303.429 by changing the saturation by 10% instead.

■ 65, 6.865, 303.429

■ 65, 6.865, 303.429

■ 100, 6.865,
303.429

■ 55, 6.865, 303.429

■ 85, 6.865, 303.429

■ 45, 6.865, 303.429

■ 95, 6.865, 303.429

■ 35, 6.865, 303.429

■ 25, 6.865, 303.429

■ 15, 6.865, 303.429

■ 5, 6.865, 303.429

■ 0, 6.865, 303.429

■ 65, 6.865, 303.429

■ 65, 6.865, 303.429

■ 60, 16.746,

■ 70, 2.686, 122.918

304.034

76, 11.911,
122.436

54, 26.957,
304.714

81, 20.826,
122.029

49, 37.467,
305.465

86, 29.447,
121.678

44, 48.200,
306.270

92, 37.791,
121.375

39, 58.988,
307.098

96, 44.955,
120.617

34, 69.510,
307.887

97, 44.061,
115.275

29, 79.204,
308.534

98, 43.595,
109.661

26, 87.236,
308.893

98, 43.535,
106.852

23, 92.857,
308.850

Harmonies

Complementary

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



65, 6.865, 303.429



68, 6.765, 122.674

Rectangle

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



65, 6.865, 303.429



65, 6.865, 353.429



65, 6.865, 123.429



65, 6.865, 173.429

Sweetspot

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



65, 6.863, 303.424



86, 2.374, 303.123



67, 3.665, 234.304



46, 1.348, 303.116



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 6.863, 303.424



81, 10.779, 303.542



65, 7.655, 319.596



33, 5.466, 303.549



19, 85.823, 308.955



1, 9.768, 301.302

Inverse Universe

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



66, 6.400, 336.104



82, 10.036, 336.258



68, 7.618, 139.008



33, 5.088, 336.267



32, 60.469, 346.958



2, 8.717, 339.107

Previews

White Background



This preview shows how the CIELCh color 65, 6.865, 303.429 looks on a white background.

Color Contrast Check

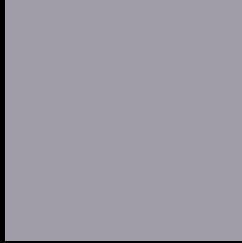
Large Text (above 18pt) WCAG AA × Fail

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, 6.865, 303.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

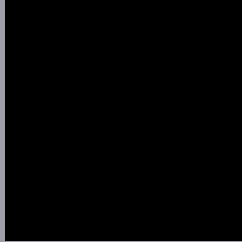
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

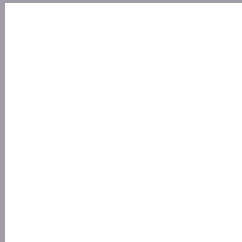
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 6.865, 303.429

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.865, 303.429.

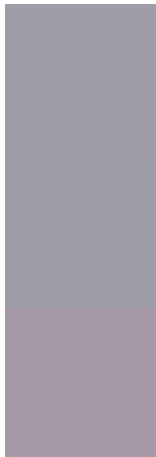


This preview shows how white text looks on a background with the CIELCh color 65, 6.865, 303.429.

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, 6.865, 303.429

Protanopia

65, 6.120, 290.833

Deuteranopia

65, 10.127, 324.900



Tritanopia
65, 6.865, 303.429

Trichromacy



Original Color
65, 6.865, 303.429

Protanomaly
65, 6.136, 294.305

Deuteranomaly
65, 8.864, 318.719

Tritanomaly
65, 6.865, 303.429

Monochromacy



Original Color
65, 6.865, 303.429

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.265, 300.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.865, 303.429 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(160, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 168)  
}
```

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(160, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.865, 303.429 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(160, 156, 168) }
```

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

```
.border{ border-color:rgb(160, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.865, 303.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 168) }
```

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

```
.background{ background-color: rgb(160,  
156, 168) }
```

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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