

Converting Colors

CIELCh(65, 13.318, 233.748)

Have a look what the booklet for
CIELCh(65, 13.318, 233.748)
contains.

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Color

CIELCh(65, 13.325, 231.623)

Conversions

Conversions Part 1

Format	Color
Hex	82A3B0
RGB	130, 163, 176
RGB Percent	51%, 64%, 69%
CMY	0.4904, 0.3610, 0.3100
CMYK	0.26, 0.07, 0.00, 0.31
HSL	197°, 23%, 60%
HSV	197°, 26%, 69%
XYZ	30.1146, 34.0472, 46.0281
YIQ	154.6150, -23.8410, -2.9530

Conversions

Conversions Part 2

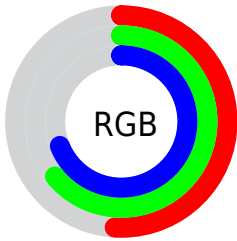
Format	Color
RYB	130, 149, 176
Decimal	8561584
CIELab	65.00, -8.27, -10.45
CIELCh	65, 13.325, 231.623
Yxy	34.0472, 0.2733, 0.3090
Android (android.graphics.Color)	4286751664 (0xFF82A3B0)
YUV	154.6150, 10.5428, -21.5874
Hunter-Lab	58.3500, -9.9880, -5.9246

Details

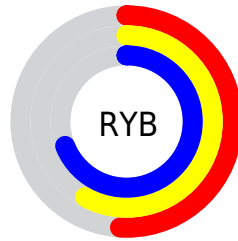
The CIELCh color $65, 13.325, 231.623$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $62, 15.604, 48.032$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.385, 232.296$, and $45, 13.516, 233.657$ is the 20% darker color. If you saturate the color by 10%, you get $63, 17.853, 232.898$, and if you desaturate by 10%, it is $68, 8.448, 230.630$.

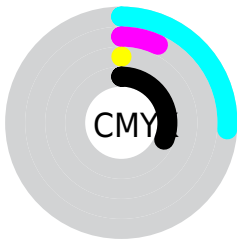
Distribution



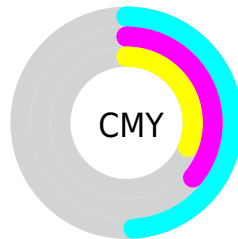
- Red (51%)
- Green (64%)
- Blue (69%)



- Red (51%)
- Yellow (58%)
- Blue (69%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)





- Cyan (49%)
- Magenta (36%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 13.325, 231.623 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, 13.325, 231.623 by changing the saturation by 10% instead.


 65, 13.325,
231.623


 65, 13.325,
231.623


 100, 13.325,
231.623


 55, 13.325,
231.623


 85, 13.325,
231.623

 45, 13.325,
231.623

 95, 13.325,
231.623

 35, 13.325,
231.623

 25, 13.325,
231.623

 15, 13.325,
231.623

 5, 13.325, 231.623

 0, 13.325, 231.623

65, 13.325,
231.623

65, 13.325,
231.623

63, 17.853,
232.898

68, 8.448, 230.630

60, 21.966,
234.535

70, 3.288, 229.932

73, 2.096, 48.959

58, 25.608,
236.608

76, 7.652, 48.650

56, 28.740,
239.208

78, 13.334, 48.314

81, 19.107, 48.047

54, 31.362,
242.418

84, 24.940, 47.842

52, 33.524,
246.299

85, 25.244, 53.957

87, 25.237, 60.922

50, 35.349,
250.828

50, 36.055,

252.599

Harmonies

Complementary

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



65, 13.325, 231.623



62, 15.604, 48.032

Rectangle

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



65, 13.325, 231.623



65, 13.325, 281.623



65, 13.325, 51.623



65, 13.325, 101.623

Sweetspot

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



65, 13.325, 231.617



88, 5.292, 230.039



68, 25.548, 150.996



46, 3.745, 230.132



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 13.325, 231.617



81, 19.294, 232.269



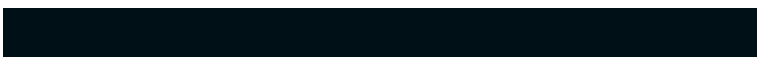
59, 20.228, 281.942



35, 2.974, 230.111



43, 31.972, 251.918



4, 6.422, 240.306

Inverse Universe

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



60, 25.462, 335.391



74, 37.449, 335.803



68, 19.793, 95.239



34, 5.408, 334.172



33, 63.168, 343.299



2, 10.649, 337.280

Previews

White Background



This preview shows how the CIELCh color 65, 13.325, 231.623 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 CIELCh color 65, 13.325, 231.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

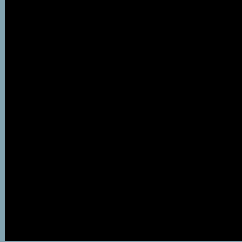
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

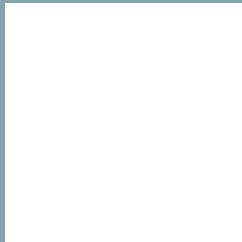
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 13.325, 231.623

Background



This preview shows how black text looks on a background with the CIELCh color 65, 13.325, 231.623.

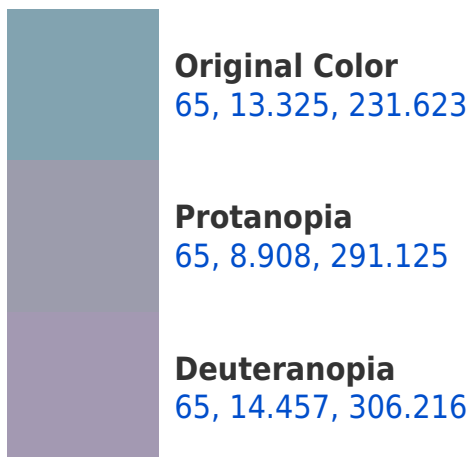


This preview shows how white text looks on a background with the CIELCh color 65, 13.325, 231.623.

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





Tritanopia
65, 13.325, 231.623

Trichromacy



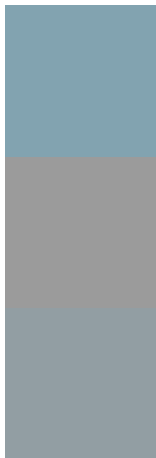
Original Color
65, 13.325, 231.623

Protanomaly
65, 8.810, 261.560

Deuteranomaly
65, 11.285, 280.352

Tritanomaly
65, 13.325, 231.623

Monochromacy



Original Color
65, 13.325, 231.623

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.191, 231.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 13.325, 231.623 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(130, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 163, 176)  
}
```

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(130, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 163, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 13.325, 231.623 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(130, 163, 176) }
```

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

```
.border{ border-color:rgb(130, 163, 176) }
```

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

Here you see how a box with a 4 pixel rgb(130, 163, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 163,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 13.325, 231.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 163, 176) }
```

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

```
.background{ background-color: rgb(130,  
163, 176) }
```

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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