

Converting Colors

CIELCh(65, 18.221, 160.303)

Have a look what the booklet for
CIELCh(65, 18.221, 160.303)
contains.

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Color

CIELCh(65, 18.221, 160.303)

Conversions

Conversions Part 1

Format	Color
Hex	80A692
RGB	128, 166, 146
RGB Percent	50%, 65%, 57%
CMY	0.4971, 0.3481, 0.4265
CMYK	0.23, 0.00, 0.12, 0.35
HSL	148°, 18%, 58%
HSV	148°, 23%, 65%
XYZ	27.8212, 34.0472, 32.3928
YIQ	152.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

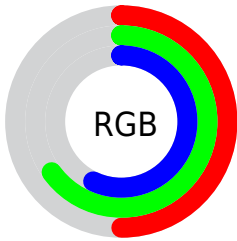
Format	Color
RYB	128, 154, 166
Decimal	8431250
CIELab	65.00, -17.15, 6.14
CIELCh	65, 18.221, 160.303
Yxy	34.0472, 0.2952, 0.3612
Android (android.graphics.Color)	4286621330 (0xFF80A692)
YUV	152.3580, -3.1345, -21.3620
Hunter-Lab	58.3500, -17.0037, 7.9303

Details

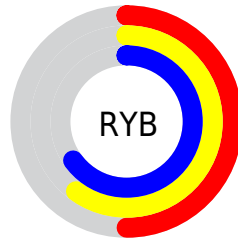
The CIELCh color **65, 18.221, 160.303** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 18.676, 344.191**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 18.188, 160.796**, and **45, 18.025, 160.868** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.034, 159.262**, and if you desaturate by 10%, it is **66, 10.269, 161.238**.

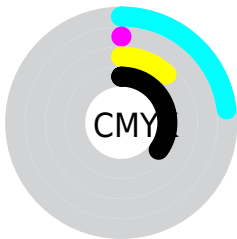
Distribution



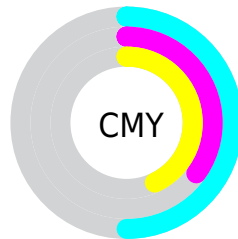
- Red (50%)
- Green (65%)
- Blue (57%)



- Red (50%)
- Yellow (60%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)





- Cyan (50%)
- Magenta (35%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.221, 160.303 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, 18.221, 160.303 by changing the saturation by 10% instead.


 65, 18.221,
160.303


 65, 18.221,
160.303


 100, 18.221,
160.303


 55, 18.221,
160.303


 85, 18.221,
160.303

 45, 18.221,
160.303

 95, 18.221,
160.303

 35, 18.221,
160.303

 25, 18.221,
160.303

 15, 18.221,
160.303

 5, 18.221, 160.303

 0, 18.221, 160.303

65, 18.221,
160.303

65, 18.221,
160.303

64, 26.034,
159.262

66, 10.269,
161.238

63, 33.583,
158.092

68, 2.278, 162.185

69, 5.666, 342.722

62, 40.737,
156.768

71, 13.500,
343.442

61, 47.366,
155.265

73, 21.178,
344.080

61, 53.358,
153.566

75, 28.668,
344.666

60, 58.638,
151.662


77, 35.951,
345.210

60, 63.189,
149.564

78, 41.321,
343.514

60, 66.122,

148.053

 78, 44.039,
338.599

Harmonies

Complementary

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



65, 18.221, 160.303



58, 18.676, 344.191

Rectangle

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



65, 18.221, 160.303



65, 18.221, 210.303



65, 18.221, 340.303



65, 18.221, 30.303

Sweetspot

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



65, 18.222, 160.302



85, 6.926, 161.751



66, 22.055, 126.842



45, 4.537, 161.700



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, 18.222, 160.302



82, 26.644, 159.834



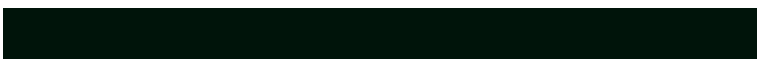
66, 13.608, 195.280



35, 4.560, 161.557



54, 60.380, 148.292



5, 8.731, 158.995

Inverse Universe

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



58, 18.676, 344.191



72, 27.435, 344.650



57, 15.650, 18.476



33, 4.611, 342.954



31, 56.878, 358.754



2, 7.922, 346.227

Previews

White Background



This preview shows how the CIELCh color 65, 18.221, 160.303 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, 18.221, 160.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

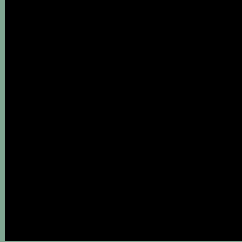
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.221, 160.303

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.221, 160.303.

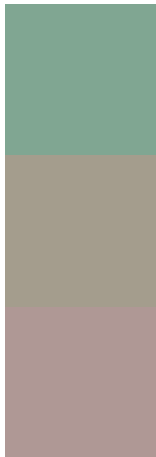


This preview shows how white text looks on a background with the CIELCh color 65, 18.221, 160.303.

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, 18.221, 160.303

Protanopia
65, 9.280, 91.659

Deuteranopia
65, 9.284, 30.459



Tritanopia
65, 11.999, 235.966

Trichromacy



Original Color
65, 18.221, 160.303

Protanomaly
65, 10.078, 129.648

Deuteranomaly
65, 4.998, 105.146

Tritanomaly
65, 11.502, 201.233

Monochromacy



Original Color
65, 18.221, 160.303

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 6.653, 162.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.221, 160.303 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(128, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 146)  
}
```

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(128, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.221, 160.303 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(128, 166, 146) }
```

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

```
.border{ border-color:rgb(128, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 166, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 166, 146); box-shadow:4px 4px 4px 4px rgb(128, 166, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.221, 160.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 146) }
```

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

```
.background{ background-color: rgb(128,  
166, 146) }
```

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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