

Converting Colors

CIELCh(65, 26.015, 175.736)

Have a look what the booklet for
CIELCh(65, 26.015, 175.736)
contains.

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Color

CIELCh(65, 26.502, 174.910)

Conversions

Conversions Part 1

Format	Color
Hex	65AB99
RGB	101, 171, 153
RGB Percent	40%, 67%, 60%
CMY	0.6051, 0.3306, 0.4012
CMYK	0.41, 0.00, 0.11, 0.33
HSL	165°, 29%, 53%
HSV	165°, 41%, 67%
XYZ	25.5616, 34.0472, 35.2305
YIQ	148.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

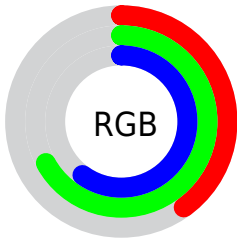
Format	Color
RYB	101, 141, 171
Decimal	6663065
CIELab	65.00, -26.40, 2.35
CIElCh	65, 26.502, 174.910
Yxy	34.0472, 0.2695, 0.3590
Android (android.graphics.Color)	4284853145 (0xFF65AB99)
YUV	148.0180, 2.4561, -41.2348
Hunter-Lab	58.3500, -23.9161, 5.0469

Details

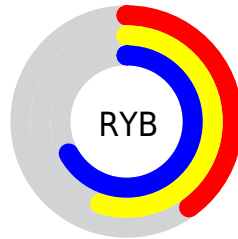
The CIELCh color **65, 26.502, 174.910** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **51, 30.555, 4.013**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.771, 174.373**, and **45, 26.251, 175.103** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.994, 173.685**, and if you desaturate by 10%, it is **66, 20.517, 176.030**.

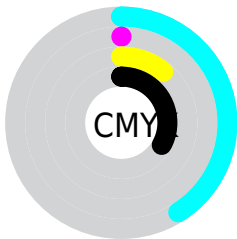
Distribution



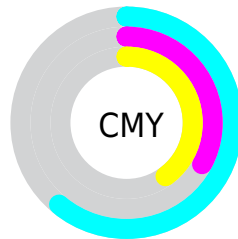
- Red (40%)
- Green (67%)
- Blue (60%)



- Red (40%)
- Yellow (55%)
- Blue (67%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (61%)
- Magenta (33%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.502, 174.910 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, 26.502, 174.910 by changing the saturation by 10% instead.


 65, 26.502,
174.910


 65, 26.502,
174.910


 100, 26.502,
174.910


 55, 26.502,
174.910


 85, 26.502,
174.910

 45, 26.502,
174.910

 95, 26.502,
174.910

 35, 26.502,
174.910

 25, 26.502,
174.910

 15, 26.502,
174.910

 5, 26.502, 174.910

 0, 26.502, 174.910

65, 26.502,
174.910

65, 26.502,
174.910

64, 31.994,
173.685

66, 20.517,
176.030

64, 36.886,
172.339

67, 14.148,
177.073

63, 41.097,
170.846

68, 7.505, 178.065

63, 44.585,
169.183

70, 0.688, 179.550

71, 6.219, 359.703

62, 47.359,
167.336

73, 13.146, 0.559

62, 49.417,
165.581

75, 20.040, 1.354

76, 26.860, 2.112

78, 33.577, 2.838

Harmonies

Complementary

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



65, 26.502, 174.910



51, 30.555, 4.013

Rectangle

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



65, 26.502, 174.910



65, 26.502, 224.910



65, 26.502, 354.910



65, 26.502, 44.910

Sweetspot

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



65, 26.503, 174.908



86, 10.116, 177.946



65, 43.233, 134.696



46, 6.754, 177.823



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 26.503, 174.908



82, 38.183, 173.830



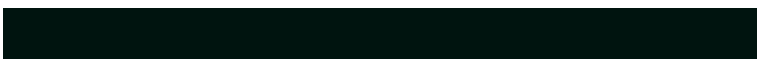
61, 19.465, 226.509



35, 3.821, 178.236



54, 44.308, 165.844



5, 7.316, 174.096

Inverse Universe

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



51, 30.555, 4.013



61, 45.449, 5.700



54, 25.861, 42.636



33, 3.939, 359.807



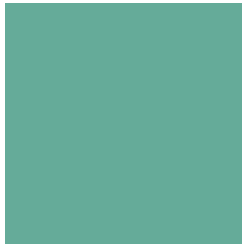
30, 59.331, 23.776



1, 6.931, 1.641

Previews

White Background



This preview shows how the CIE LCh color 65, 26.502, 174.910 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, 26.502, 174.910 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, 26.502, 174.910

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.502, 174.910.

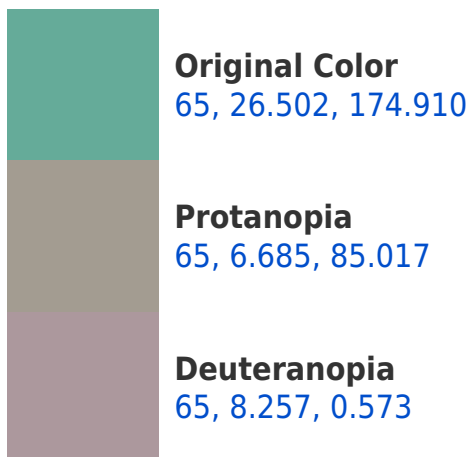


This preview shows how white text looks on a background with the CIELCh color 65, 26.502, 174.910.

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, 20.260, 219.005

Trichromacy



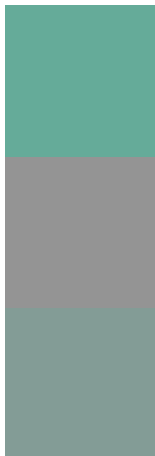
Original Color
65, 26.502, 174.910

Protanomaly
64, 10.868, 156.799

Deuteranomaly
64, 5.428, 174.768

Tritanomaly
65, 21.006, 200.727

Monochromacy



Original Color
65, 26.502, 174.910

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.002, 178.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.502, 174.910 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(101, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(101, 171, 153)  
}
```

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(101, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 171, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.502, 174.910 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(101, 171, 153) }
```

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

```
.border{ border-color:rgb(101, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(101, 171,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.502, 174.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 171, 153) }
```

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

```
.background{ background-color: rgb(101,  
171, 153) }
```

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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