

Converting Colors

CIELCh(65, 26.568, 181.189)

Have a look what the booklet for
CIELCh(65, 26.568, 181.189)
contains.

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Color

CIELCh(65, 26.534, 181.269)

Conversions

Conversions Part 1

Format	Color
Hex	60AB9E
RGB	96, 171, 158
RGB Percent	38%, 67%, 62%
CMY	0.6238, 0.3297, 0.3807
CMYK	0.44, 0.00, 0.08, 0.33
HSL	170°, 31%, 52%
HSV	170°, 44%, 67%
XYZ	25.5308, 34.0472, 37.5415
YIQ	147.0930, -40.5270, -19.9430

Conversions

Conversions Part 2

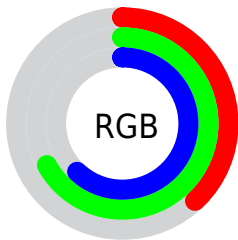
Format	Color
RYB	96, 137, 171
Decimal	6335390
CIELab	65.00, -26.53, -0.59
CIElCh	65, 26.534, 181.269
Yxy	34.0472, 0.2629, 0.3506
Android (android.graphics.Color)	4284525470 (0xFF60AB9E)
YUV	147.0930, 5.3772, -44.8086
Hunter-Lab	58.3500, -24.0106, 2.6986

Details

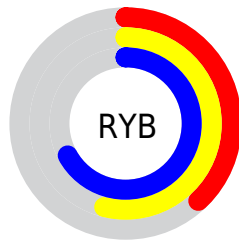
The CIELCh color **65, 26.534, 181.269** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **50, 32.478, 10.829**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.471, 181.364**, and **45, 26.223, 181.925** is the 20% darker color. If you saturate the color by 10%, you get **64, 31.347, 180.184**, and if you desaturate by 10%, it is **66, 21.144, 182.279**.

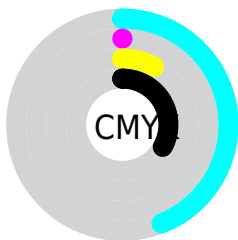
Distribution



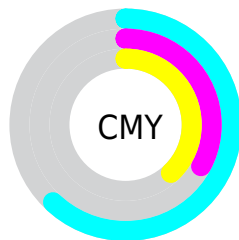
- Red (38%)
- Green (67%)
- Blue (62%)



- Red (38%)
- Yellow (54%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)





- Cyan (62%)
- Magenta (33%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.534, 181.269 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, 26.534, 181.269 by changing the saturation by 10% instead.


 65, 26.534,
181.269


 65, 26.534,
181.269


 100, 26.534,
181.269


 55, 26.534,
181.269


 85, 26.534,
181.269

 45, 26.534,
181.269

 95, 26.534,
181.269

 35, 26.534,
181.269

 25, 26.534,
181.269

 15, 26.534,
181.269

 5, 26.534, 181.269

 0, 26.534, 181.269

65, 26.534,
181.269

65, 26.534,
181.269

64, 31.347,
180.184

66, 21.144,
182.279

64, 35.490,
179.009

67, 15.281,
183.237

63, 38.900,
177.723

68, 9.053, 184.161

69, 2.563, 185.156

63, 41.558,
176.302

71, 4.097, 5.698

63, 43.500,
174.731

72, 10.851, 6.576

63, 44.486,
173.740

74, 17.637, 7.376

76, 24.405, 8.144

78, 31.119, 8.887

Harmonies

Complementary

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



65, 26.534, 181.269



50, 32.478, 10.829

Rectangle

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



65, 26.534, 181.269



65, 26.534, 231.269



65, 26.534, 1.269



65, 26.534, 51.269

Sweetspot

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



65, 26.534, 181.267



86, 10.496, 184.221



64, 47.400, 136.794



46, 7.377, 184.022



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, 26.534, 181.267



81, 38.113, 180.177



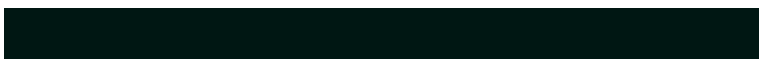
58, 20.769, 239.105



36, 3.763, 184.585



56, 40.410, 173.931



6, 8.293, 180.332

Inverse Universe

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



50, 32.478, 10.829



59, 49.060, 12.978



55, 27.112, 50.951



34, 3.913, 6.075



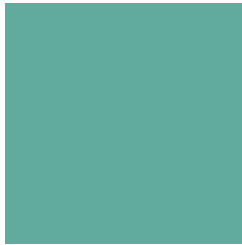
31, 63.254, 30.454



2, 7.986, 7.817

Previews

White Background



This preview shows how the CIELCh color 65, 26.534, 181.269 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, 26.534, 181.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

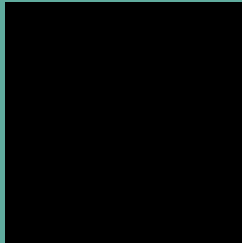
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 26.534, 181.269

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.534, 181.269.

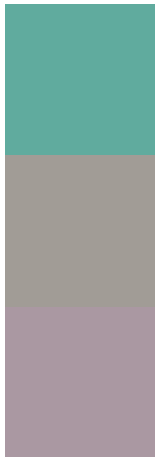


This preview shows how white text looks on a background with the CIELCh color 65, 26.534, 181.269.

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, 26.534, 181.269

Protanopia
65, 3.842, 79.267

Deuteranopia
65, 8.887, 341.565



Tritanopia
65, 22.016, 217.115

Trichromacy



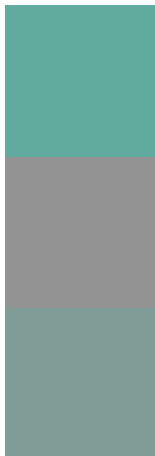
Original Color
65, 26.534, 181.269

Protanomaly
64, 10.113, 172.365

Deuteranomaly
64, 6.005, 209.683

Tritanomaly
65, 22.533, 203.285

Monochromacy



Original Color
65, 26.534, 181.269

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.820, 183.383

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.534, 181.269 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(96, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(96, 171, 158)  
}
```

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(96, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 171, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.534, 181.269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

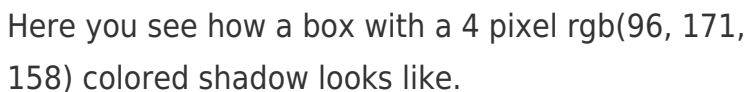
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 171, 158) }
```

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

```
.border{ border-color:rgb(96, 171, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(96, 171,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.534, 181.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 171, 158) }
```

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

```
.background{ background-color: rgb(96, 171,  
158) }
```

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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