

Converting Colors

CIELCh(65, 26.060, 170.522)

Have a look what the booklet for
CIELCh(65, 26.060, 170.522)
contains.

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Color

CIELCh(65, 26.060, 170.522)

Conversions

Conversions Part 1

Format	Color
Hex	69AA95
RGB	105, 170, 149
RGB Percent	41%, 67%, 58%
CMY	0.5872, 0.3323, 0.4147
CMYK	0.38, 0.00, 0.12, 0.33
HSL	161°, 28%, 54%
HSV	161°, 38%, 67%
XYZ	25.7267, 34.0472, 33.7582
YIQ	148.1710, -31.9990, -20.3110

Conversions

Conversions Part 2

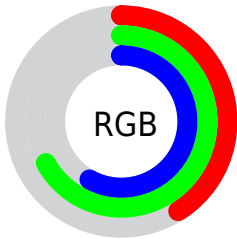
Format	Color
RYB	105, 144, 170
Decimal	6924949
CIELab	65.00, -25.70, 4.29
CIELCh	65, 26.060, 170.522
Yxy	34.0472, 0.2751, 0.3640
Android (android.graphics.Color)	4285115029 (0xFF69AA95)
YUV	148.1710, 0.4087, -37.8610
Hunter-Lab	58.3500, -23.4111, 6.5430

Details

The CIELCh color **65, 26.060, 170.522** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 28.882, 358.773**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.230, 170.096**, and **45, 25.884, 170.489** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.121, 169.269**, and if you desaturate by 10%, it is **66, 19.578, 171.659**.

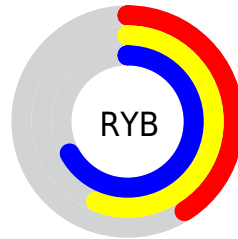
Distribution



Red (41%)

Green (67%)

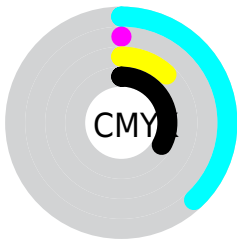
Blue (58%)



Red (41%)

Yellow (56%)

Blue (67%)

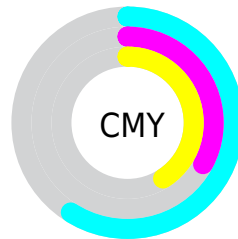


Cyan (38%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (59%)


Magenta (33%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 26.060, 170.522 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, 26.060, 170.522 by changing the saturation by 10% instead.


 65, 26.060,
170.522


 65, 26.060,
170.522


 100, 26.060,
170.522


 55, 26.060,
170.522


 85, 26.060,
170.522

 45, 26.060,
170.522

 95, 26.060,
170.522

 35, 26.060,
170.522

 25, 26.060,
170.522

 15, 26.060,
170.522

 5, 26.060, 170.522

 0, 26.060, 170.522

65, 26.060,
170.522

65, 26.060,
170.522

64, 32.121,
169.269

66, 19.578,
171.659

63, 37.644,
167.880

67, 12.787,
172.709

63, 42.535,
166.331

69, 5.796, 173.707

62, 46.729,
164.598

70, 1.300, 354.209

72, 8.423, 355.318

62, 50.214,
162.668

73, 15.511,
356.133

62, 53.094,
160.578

75, 22.516,
356.892

62, 53.602,
160.208

77, 29.406,
357.612

■ 79, 34.965,
357.233

Harmonies

Complementary

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



65, 26.060, 170.522



52, 28.882, 358.773

Rectangle

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



65, 26.060, 170.522



65, 26.060, 220.522



65, 26.060, 350.522



65, 26.060, 40.522

Sweetspot

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



65, 26.061, 170.520



86, 9.650, 173.406



65, 39.444, 132.863



46, 6.530, 173.276



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, 26.061, 170.520



82, 38.168, 169.445



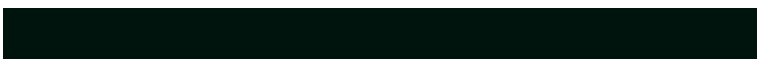
62, 18.781, 216.982



35, 3.970, 173.597



54, 48.110, 160.486



5, 7.645, 169.444

Inverse Universe

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



52, 28.882, 358.773



63, 43.290, 0.233



54, 24.716, 36.252



33, 4.068, 355.173



31, 57.545, 17.899



2, 7.123, 357.488

Previews

White Background



This preview shows how the CIELCh color 65, 26.060, 170.522 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, 26.060, 170.522 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, 26.060, 170.522

Background



This preview shows how black text looks on a background with the CIELCh color 65, 26.060, 170.522.

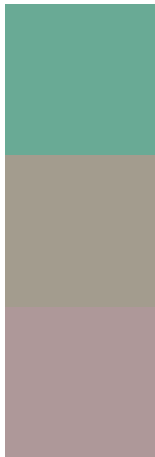


This preview shows how white text looks on a background with the CIELCh color 65, 26.060, 170.522.

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, 26.060, 170.522

Protanopia
65, 8.236, 89.524

Deuteranopia
65, 8.660, 16.525



Tritanopia
65, 18.704, 220.982

Trichromacy



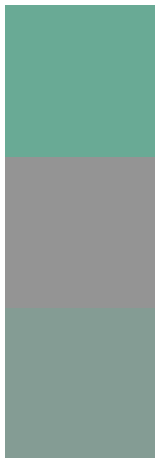
Original Color
65, 26.060, 170.522

Protanomaly
64, 11.582, 148.378

Deuteranomaly
65, 5.490, 153.914

Tritanomaly
65, 19.715, 197.756

Monochromacy



Original Color
65, 26.060, 170.522

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 10.168, 172.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 26.060, 170.522 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(105, 170, 149)` looks like.

```
.text, #text, p{  
    color:rgb(105, 170, 149)  
}
```

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(105, 170, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 170, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 26.060, 170.522 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(105, 170, 149) }
```

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

```
.border{ border-color:rgb(105, 170, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 170, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 170, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 170, 149);  
box-shadow:4px 4px 4px 4px rgb(105, 170,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 26.060, 170.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 170, 149) }
```

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

```
.background{ background-color: rgb(105,  
170, 149) }
```

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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