

Converting Colors

CIELCh(65, 24.612, 175.782)

Have a look what the booklet for
CIELCh(65, 24.612, 175.782)
contains.

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Color

CIELCh(65, 24.615, 176.051)

Conversions

Conversions Part 1

Format	Color
Hex	69AA9A
RGB	105, 170, 154
RGB Percent	41%, 67%, 60%
CMY	0.5885, 0.3336, 0.3964
CMYK	0.38, 0.00, 0.09, 0.33
HSL	165°, 28%, 54%
HSV	165°, 38%, 67%
XYZ	26.0015, 34.0472, 35.7379
YIQ	148.7410, -33.6040, -18.7560

Conversions

Conversions Part 2

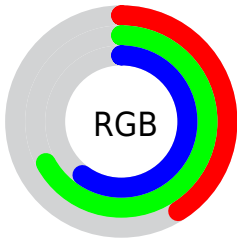
Format	Color
RYB	105, 142, 170
Decimal	6924954
CIELab	65.00, -24.56, 1.70
CIELCh	65, 24.615, 176.051
Yxy	34.0472, 0.2715, 0.3554
Android (android.graphics.Color)	4285115034 (0xFF69AA9A)
YUV	148.7410, 2.5927, -38.3609
Hunter-Lab	58.3500, -22.5704, 4.5313

Details

The CIELCh color **65, 24.615, 176.051** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 28.239, 4.351**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.880, 175.266**, and **45, 24.268, 176.474** is the 20% darker color. If you saturate the color by 10%, you get **64, 30.167, 174.871**, and if you desaturate by 10%, it is **66, 18.596, 177.136**.

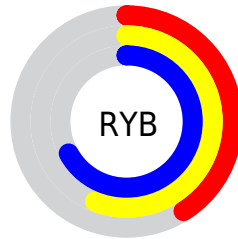
Distribution



Red (41%)

Green (67%)

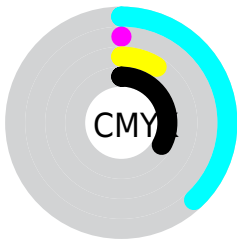
Blue (60%)



Red (41%)

Yellow (56%)

Blue (67%)

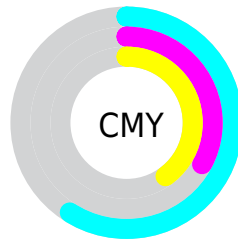


Cyan (38%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (59%)


Magenta (33%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.615, 176.051 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, 24.615, 176.051 by changing the saturation by 10% instead.


 65, 24.615,
176.051


 65, 24.615,
176.051


 100, 24.615,
176.051


 55, 24.615,
176.051


 85, 24.615,
176.051

 45, 24.615,
176.051


 95, 24.615,
176.051

 35, 24.615,
176.051

 25, 24.615,
176.051

 15, 24.615,
176.051

 5, 24.615, 176.051

 0, 24.615, 176.051

■ 65, 24.615,
176.051

■ 65, 24.615,
176.051

■ 64, 30.167,
174.871

■ 66, 18.596,
177.136

■ 63, 35.142,
173.581

■ 67, 12.218,
178.153

■ 63, 39.454,
172.154

■ 68, 5.588, 179.137

■ 62, 43.048,
170.568

■ 70, 1.198, 359.582

■ 71, 8.060, 0.741

■ 62, 45.921,
168.804

■ 73, 14.933, 1.575

■ 62, 48.186,
166.888

■ 75, 21.766, 2.361

■ 77, 28.522, 3.112

■ 62, 48.567,
166.561

■ 78, 34.142, 3.109

Harmonies

Complementary

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



65, 24.615, 176.051



52, 28.239, 4.351

Rectangle

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



65, 24.615, 176.051



65, 24.615, 226.051



65, 24.615, 356.051



65, 24.615, 46.051

Sweetspot

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



65, 24.616, 176.049



87, 9.228, 178.845



65, 40.458, 135.338



46, 6.241, 178.717



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, 24.616, 176.049



82, 35.887, 175.044



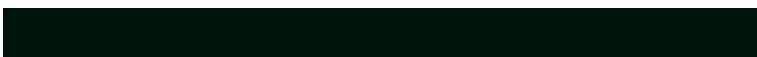
61, 18.246, 228.538



35, 3.799, 179.035



54, 43.703, 166.811



5, 7.265, 174.934

Inverse Universe

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



52, 28.239, 4.351



62, 42.537, 5.899



55, 23.576, 44.287



33, 3.920, 0.600



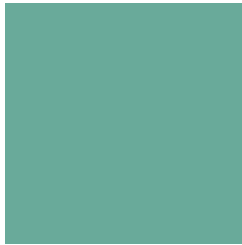
30, 59.689, 24.697



1, 6.903, 2.347

Previews

White Background



This preview shows how the CIE LCh color 65, 24.615, 176.051 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, 24.615, 176.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

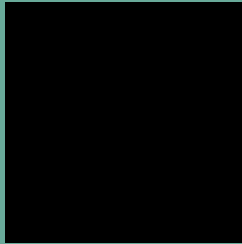
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.615, 176.051

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.615, 176.051.

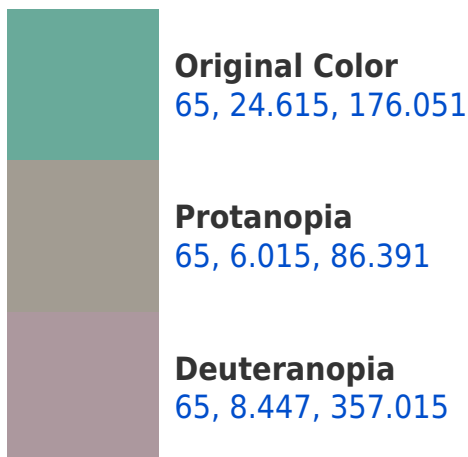



This preview shows how white text looks on a background with the CIELCh color 65, 24.615, 176.051.

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, 19.369, 221.933

Trichromacy



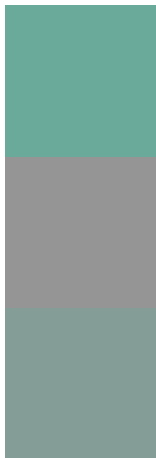
Original Color
65, 24.615, 176.051

Protanomaly
64, 10.202, 157.713

Deuteranomaly
65, 4.313, 184.158

Tritanomaly
65, 19.530, 204.402

Monochromacy



Original Color
65, 24.615, 176.051

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 9.654, 178.171

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.615, 176.051 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(105, 170, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 170, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.615, 176.051 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, 154) }
```

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

```
.border{ border-color:rgb(105, 170, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 170, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 170, 154);  
box-shadow:4px 4px 4px 4px rgb(105, 170,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.615, 176.051 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, 154) }
```

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

```
.background{ background-color: rgb(105,  
170, 154) }
```

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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