

Converting Colors

CIELCh(65, 21.236, 171.105)

Have a look what the booklet for
CIELCh(65, 21.236, 171.105)
contains.

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Color

CIELCh(65, 21.236, 171.105)

Conversions

Conversions Part 1

Format	Color
Hex	74A897
RGB	116, 168, 151
RGB Percent	45%, 66%, 59%
CMY	0.5443, 0.3404, 0.4071
CMYK	0.31, 0.00, 0.10, 0.34
HSL	160°, 23%, 56%
HSV	160°, 31%, 66%
XYZ	26.8704, 34.0472, 34.5177
YIQ	150.5140, -25.5350, -16.3110

Conversions

Conversions Part 2

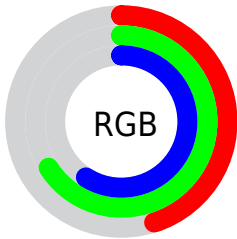
Format	Color
RYB	116, 147, 168
Decimal	7645335
CIELab	65.00, -20.98, 3.28
CIElCh	65, 21.236, 171.105
Yxy	34.0472, 0.2816, 0.3568
Android (android.graphics.Color)	4285835415 (0xFF74A897)
YUV	150.5140, 0.2396, -30.2688
Hunter-Lab	58.3500, -19.9123, 5.7712

Details

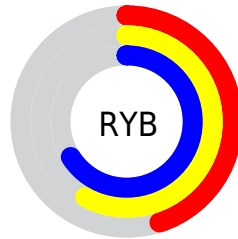
The CIELCh color **65, 21.236, 171.105** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **55, 23.035, 357.447**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.204, 171.358**, and **45, 21.556, 170.650** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.578, 169.935**, and if you desaturate by 10%, it is **66, 14.563, 172.174**.

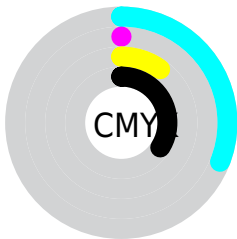
Distribution



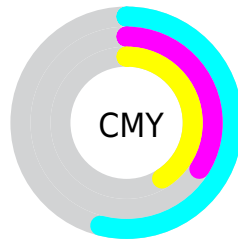
- Red (45%)
- Green (66%)
- Blue (59%)



- Red (45%)
- Yellow (58%)
- Blue (66%)



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)





- Cyan (54%)
- Magenta (34%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.236, 171.105 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, 21.236, 171.105 by changing the saturation by 10% instead.


 65, 21.236,
171.105


 65, 21.236,
171.105


 100, 21.236,
171.105


 55, 21.236,
171.105


 85, 21.236,
171.105

 45, 21.236,
171.105

 95, 21.236,
171.105

 35, 21.236,
171.105

 25, 21.236,
171.105

 15, 21.236,
171.105

 5, 21.236, 171.105

 0, 21.236, 171.105

■ 65, 21.236,
171.105

■ 65, 21.236,
171.105

■ 64, 27.578,
169.935

■ 66, 14.563,
172.174

■ 63, 33.471,
168.648

■ 67, 7.667, 173.178

■ 62, 38.807,
167.216

■ 69, 0.644, 174.672

■ 70, 6.422, 354.820

■ 62, 43.498,
165.617

■ 72, 13.467,
355.655

■ 62, 47.492,
163.829

■ 74, 20.440,
356.425

■ 61, 50.790,
161.842

■ 76, 27.304,
357.153

■ 61, 53.352,
159.946

■ 78, 34.036,
357.845

■ 78, 36.427,
354.780

Harmonies

Complementary

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



65, 21.236, 171.105



55, 23.035, 357.447

Rectangle

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



65, 21.236, 171.105



65, 21.236, 221.105



65, 21.236, 351.105



65, 21.236, 41.105

Sweetspot

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



65, 21.237, 171.103



86, 7.849, 173.352



65, 31.720, 133.245



45, 5.442, 173.213



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, 21.237, 171.103



82, 31.154, 170.326



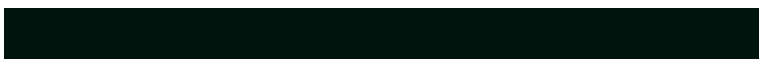
63, 15.513, 216.551



35, 3.979, 173.340



54, 48.336, 160.201



5, 7.665, 169.197

Inverse Universe

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



55, 23.035, 357.447



67, 34.422, 358.421



56, 19.234, 35.959



33, 4.076, 354.915



31, 57.464, 17.547



2, 7.135, 357.255

Previews

White Background



This preview shows how the CIE LCh color 65, 21.236, 171.105 looks on a white background.

Color Contrast Check

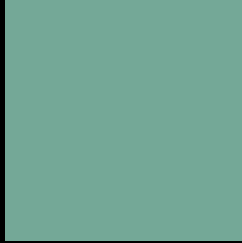
Large Text (above 18pt) WCAG AA × Fail

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, 21.236, 171.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

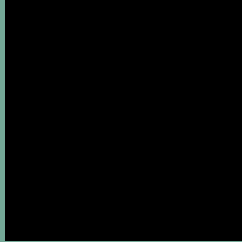
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 21.236, 171.105

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.236, 171.105.

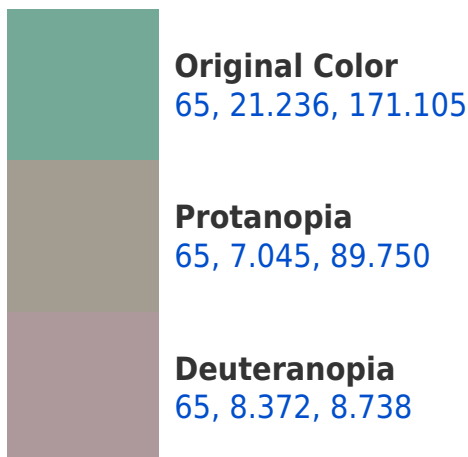


This preview shows how white text looks on a background with the CIELCh color 65, 21.236, 171.105.

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, 15.967, 227.746

Trichromacy



Original Color
65, 21.236, 171.105

Protanomaly
65, 9.737, 145.760

Deuteranomaly
65, 3.211, 155.497

Tritanomaly
65, 16.003, 202.087

Monochromacy



Original Color
65, 21.236, 171.105

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.971, 173.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.236, 171.105 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(116, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(116, 168, 151)  
}
```

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(116, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 168, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.236, 171.105 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(116, 168, 151) }
```

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

```
.border{ border-color:rgb(116, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(116, 168,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.236, 171.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 168, 151) }
```

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

```
.background{ background-color: rgb(116,  
168, 151) }
```

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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