

Converting Colors

CIELCh(65, 22.116, 165.674)

Have a look what the booklet for
CIELCh(65, 22.116, 165.674)
contains.

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Color

CIELCh(65, 21.935, 165.377)

Conversions

Conversions Part 1

Format	Color
Hex	76A893
RGB	118, 168, 147
RGB Percent	46%, 66%, 58%
CMY	0.5366, 0.3405, 0.4228
CMYK	0.30, 0.00, 0.12, 0.34
HSL	155°, 22%, 56%
HSV	155°, 30%, 66%
XYZ	26.8106, 34.0472, 32.8342
YIQ	150.6560, -23.0590, -17.1310

Conversions

Conversions Part 2

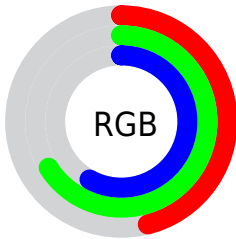
Format	Color
RYB	118, 150, 168
Decimal	7776403
CIELab	65.00, -21.22, 5.54
CIELCh	65, 21.935, 165.377
Yxy	34.0472, 0.2862, 0.3634
Android (android.graphics.Color)	4285966483 (0xFF76A893)
YUV	150.6560, -1.8024, -28.6393
Hunter-Lab	58.3500, -20.0954, 7.4818

Details

The CIELCh color $65, 21.935, 165.377$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $55, 23.127, 351.147$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 21.811, 165.838$, and $45, 22.153, 164.381$ is the 20% darker color. If you saturate the color by 10%, you get $64, 28.922, 164.213$, and if you desaturate by 10%, it is $66, 14.681, 166.427$.

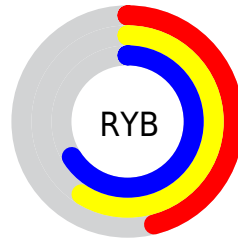
Distribution



Red (46%)

Green (66%)

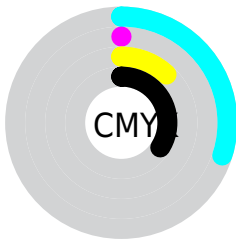
Blue (58%)



Red (46%)

Yellow (59%)

Blue (66%)

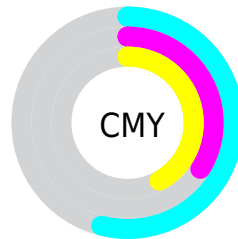


Cyan (30%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (54%)


Magenta (34%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 21.935, 165.377 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, 21.935, 165.377 by changing the saturation by 10% instead.


 65, 21.935,
165.377


 65, 21.935,
165.377


 100, 21.935,
165.377


 55, 21.935,
165.377


 85, 21.935,
165.377

 45, 21.935,
165.377

 95, 21.935,
165.377

 35, 21.935,
165.377

 25, 21.935,
165.377

 15, 21.935,
165.377

 5, 21.935, 165.377

 0, 21.935, 165.377

65, 21.935,
165.377

65, 21.935,
165.377

64, 28.922,
164.213

66, 14.681,
166.427

63, 35.517,
162.917

68, 7.269, 167.401

62, 41.603,
161.460

69, 0.204, 346.342

71, 7.660, 348.967

62, 47.074,
159.821

72, 15.037,
349.737

61, 51.862,
157.981

74, 22.292,
350.442

61, 55.949,
155.935


76, 29.392,
351.101

61, 59.485,
153.771

78, 36.319,
351.723

61, 59.577,

153.716

 78, 38.692,
347.505

Harmonies

Complementary

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



65, 21.935, 165.377



55, 23.127, 351.147

Rectangle

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



65, 21.935, 165.377



65, 21.935, 215.377



65, 21.935, 345.377



65, 21.935, 35.377

Sweetspot

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



65, 21.936, 165.375



86, 8.341, 167.456



66, 29.656, 130.033



45, 5.786, 167.321



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, 21.936, 165.375



82, 32.673, 164.584



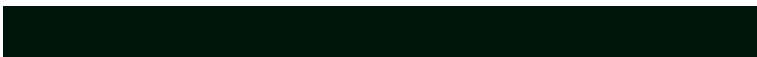
65, 16.200, 204.693



35, 4.229, 167.444



54, 53.940, 153.981



5, 8.159, 163.823

Inverse Universe

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



55, 23.127, 351.147



67, 34.864, 352.030



56, 19.904, 26.973



33, 4.301, 348.958



31, 56.289, 8.744



2, 7.466, 351.836

Previews

White Background



This preview shows how the CIELCh color 65, 21.935, 165.377 looks on a white background.

Color Contrast Check

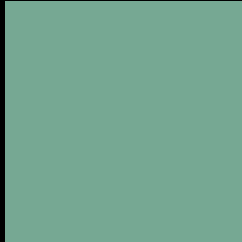
Large Text (above 18pt) WCAG AA × Fail

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, 21.935, 165.377 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, 21.935, 165.377

Background



This preview shows how black text looks on a background with the CIELCh color 65, 21.935, 165.377.

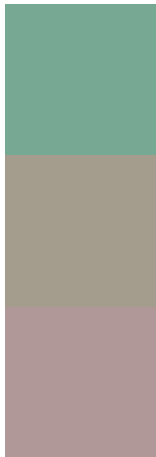


This preview shows how white text looks on a background with the CIELCh color 65, 21.935, 165.377.

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, 21.935, 165.377

Protanopia
65, 9.280, 91.659

Deuteranopia
65, 9.104, 23.681



Tritanopia
65, 15.219, 226.938

Trichromacy



Original Color
65, 21.935, 165.377

Protanomaly
65, 11.413, 137.656

Deuteranomaly
65, 4.712, 128.874

Tritanomaly
65, 15.461, 198.104

Monochromacy



Original Color
65, 21.935, 165.377

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.921, 169.135

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 21.935, 165.377 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(118, 168, 147)` looks like.

```
.text, #text, p{  
    color:rgb(118, 168, 147)  
}
```

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(118, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 168, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 21.935, 165.377 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(118, 168, 147) }
```

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

```
.border{ border-color:rgb(118, 168, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 168, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(118, 168,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 21.935, 165.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 168, 147) }
```

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

```
.background{ background-color: rgb(118,  
168, 147) }
```

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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