

Converting Colors

CIELCh(65, 18.860, 224.990)

Have a look what the booklet for
CIELCh(65, 18.860, 224.990)
contains.

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Color

CIELCh(65, 19.016, 224.321)

Conversions

Conversions Part 1

Format	Color
Hex	71A6B5
RGB	113, 166, 181
RGB Percent	44%, 65%, 71%
CMY	0.5575, 0.3496, 0.2908
CMYK	0.38, 0.08, 0.00, 0.29
HSL	193°, 31%, 58%
HSV	193°, 38%, 71%
XYZ	28.7233, 34.0472, 48.6904
YIQ	151.8630, -36.4030, -6.5710

Conversions

Conversions Part 2

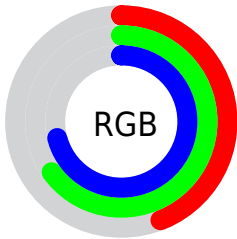
Format	Color
RYB	113, 143, 181
Decimal	7448245
CIELab	65.00, -13.60, -13.29
CIELCh	65, 19.016, 224.321
Yxy	34.0472, 0.2577, 0.3055
Android (android.graphics.Color)	4285638325 (0xFF71A6B5)
YUV	151.8630, 14.3645, -34.0829
Hunter-Lab	58.3500, -14.2441, -8.6299

Details

The CIELCh color **65, 19.016, 224.321** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 24.696, 41.351**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.101, 224.677**, and **45, 19.072, 223.937** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.039, 225.553**, and if you desaturate by 10%, it is **67, 14.485, 223.391**.

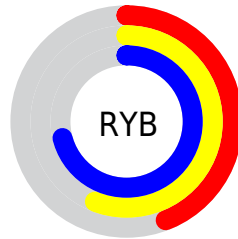
Distribution



Red (44%)

Green (65%)

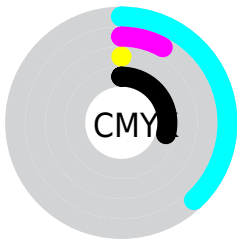
Blue (71%)



Red (44%)

Yellow (56%)

Blue (71%)

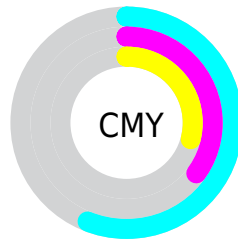


Cyan (38%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (56%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.016, 224.321 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, 19.016, 224.321 by changing the saturation by 10% instead.


 65, 19.016,
224.321


 65, 19.016,
224.321


 100, 19.016,
224.321


 55, 19.016,
224.321


 85, 19.016,
224.321

 45, 19.016,
224.321


 95, 19.016,
224.321

 35, 19.016,
224.321

 25, 19.016,
224.321

 15, 19.016,
224.321

 5, 19.016, 224.321

 0, 19.016, 224.321

65, 19.016,
224.321

65, 19.016,
224.321

63, 23.039,
225.553

67, 14.485,
223.391

61, 26.482,
227.169

69, 9.528, 222.716

72, 4.222, 222.280

59, 29.294,
229.248

74, 1.359, 41.443

58, 31.461,
231.877

77, 7.152, 41.504

56, 33.024,
235.131

79, 13.103, 41.389

82, 19.166, 41.325

55, 34.121,
239.000

84, 24.349, 42.085

54, 34.377,
239.946

85, 23.806, 47.815

Harmonies

Complementary

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



65, 19.016, 224.321



58, 24.696, 41.351

Rectangle

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



65, 19.016, 224.321



65, 19.016, 274.321



65, 19.016, 44.321



65, 19.016, 94.321

Sweetspot

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



65, 19.016, 224.318



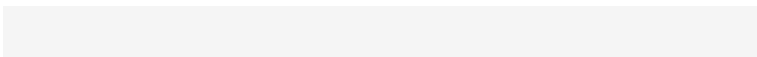
90, 7.485, 222.403



68, 38.832, 148.089



47, 5.008, 222.460



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 19.016, 224.318



80, 27.145, 225.299



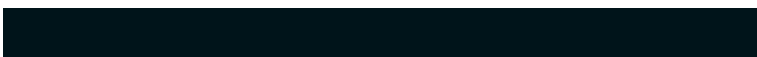
55, 28.379, 280.844



37, 3.100, 222.333



46, 30.324, 239.333



5, 7.483, 232.468

Inverse Universe

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



56, 38.902, 333.742



68, 56.946, 334.337



67, 27.946, 90.220



35, 5.790, 331.809



34, 66.728, 339.232



2, 13.076, 334.614

Previews

White Background



This preview shows how the CIE LCh color 65, 19.016, 224.321 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, 19.016, 224.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

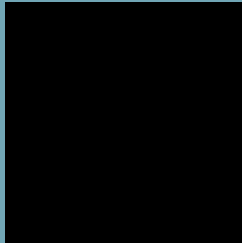
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 19.016, 224.321

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.016, 224.321.



This preview shows how white text looks on a background with the CIELCh color 65, 19.016, 224.321.

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, 19.016, 224.321

Protanopia

65, 10.576, 289.332

Deuteranopia

65, 16.958, 300.414



Tritanopia
65, 18.967, 220.628

Trichromacy



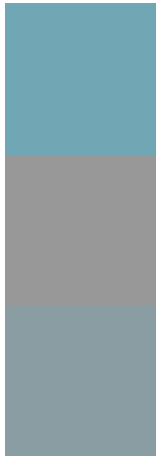
Original Color
65, 19.016, 224.321

Protanomaly
65, 11.617, 253.786

Deuteranomaly
65, 14.198, 269.927

Tritanomaly
65, 19.111, 222.293

Monochromacy



Original Color
65, 19.016, 224.321

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.431, 221.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.016, 224.321 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(113, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(113, 166, 181)  
}
```

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(113, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 166, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.016, 224.321 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(113, 166, 181) }
```

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

```
.border{ border-color:rgb(113, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(113, 166,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.016, 224.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 166, 181) }
```

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

```
.background{ background-color: rgb(113,  
166, 181) }
```

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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