

Converting Colors

CIELCh(65, 19.490, 219.955)

Have a look what the booklet for
CIELCh(65, 19.490, 219.955)
contains.

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Color

CIELCh(65, 19.490, 219.955)

Conversions

Conversions Part 1

Format	Color
Hex	6EA6B3
RGB	110, 166, 179
RGB Percent	43%, 65%, 70%
CMY	0.5669, 0.3473, 0.2963
CMYK	0.38, 0.07, 0.00, 0.30
HSL	191°, 31%, 57%
HSV	191°, 38%, 70%
XYZ	28.3818, 34.0472, 47.9589
YIQ	150.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

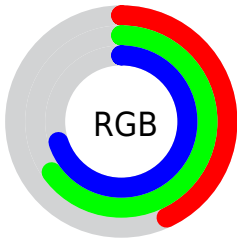
Format	Color
RYB	110, 141, 179
Decimal	7251635
CIELab	65.00, -14.94, -12.52
CIELCh	65, 19.490, 219.955
Yxy	34.0472, 0.2571, 0.3084
Android (android.graphics.Color)	4285441715 (0xFF6EA6B3)
YUV	150.7380, 13.9332, -35.7272
Hunter-Lab	58.3500, -15.2889, -7.8865

Details

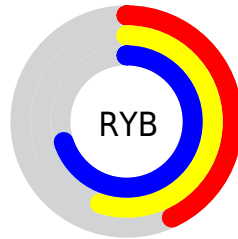
The CIELCh color **65, 19.490, 219.955** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 25.663, 38.285**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 19.584, 220.525**, and **45, 19.472, 219.376** is the 20% darker color. If you saturate the color by 10%, you get **63, 23.436, 220.952**, and if you desaturate by 10%, it is **67, 15.001, 219.227**.

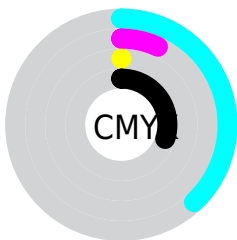
Distribution



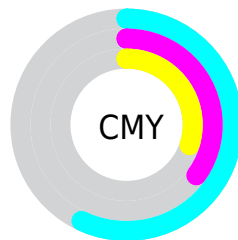
- Red (43%)
- Green (65%)
- Blue (70%)



- Red (43%)
- Yellow (55%)
- Blue (70%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (57%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 19.490, 219.955 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, 19.490, 219.955 by changing the saturation by 10% instead.

■ 65, 19.490,
219.955

■ 65, 19.490,
219.955

■ 100, 19.490,
219.955

■ 55, 19.490,
219.955

■ 85, 19.490,
219.955

■ 45, 19.490,
219.955

■ 95, 19.490,
219.955

■ 35, 19.490,
219.955

■ 25, 19.490,
219.955

■ 15, 19.490,
219.955

■ 5, 19.490, 219.955

■ 0, 19.490, 219.955

65, 19.490,
219.955

65, 19.490,
219.955

63, 23.436,
220.952

67, 15.001,
219.227

61, 26.763,
222.289

69, 10.054,
218.726

60, 29.415,
224.039

71, 4.734, 218.435

58, 31.373,
226.279

73, 0.881, 37.545

76, 6.724, 37.931

57, 32.673,
229.081

78, 12.735, 37.936

56, 33.467,
232.428

81, 18.867, 37.979

83, 25.081, 38.061

56, 33.584,
232.953

84, 24.833, 42.354

Harmonies

Complementary

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



65, 19.490, 219.955



57, 25.663, 38.285

Rectangle

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



65, 19.490, 219.955



65, 19.490, 269.955



65, 19.490, 39.955



65, 19.490, 89.955

Sweetspot

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



65, 19.490, 219.952



89, 8.200, 218.516



67, 40.428, 146.892



47, 5.464, 218.552



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, 19.490, 219.952



80, 27.651, 220.761



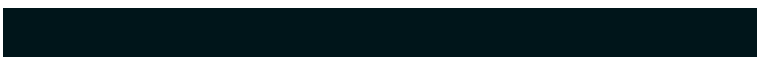
55, 27.664, 278.662



37, 3.150, 218.450



48, 29.836, 232.444



5, 7.532, 227.405

Inverse Universe

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



56, 40.383, 332.573



67, 58.859, 333.141



66, 27.639, 87.523



35, 5.924, 330.665



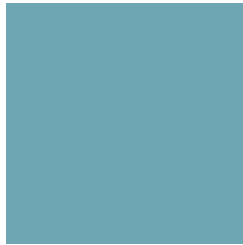
34, 68.311, 337.299



2, 13.469, 332.996

Previews

White Background



This preview shows how the CIE LCh color 65, 19.490, 219.955 looks on a white background.

Color Contrast Check

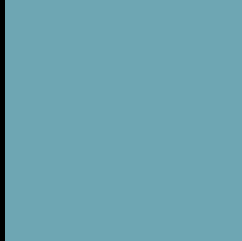
Large Text (above 18pt) WCAG AA × Fail

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, 19.490, 219.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

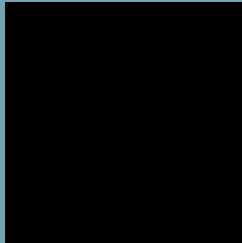
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

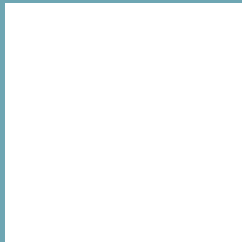
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 19.490, 219.955

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.490, 219.955.



This preview shows how white text looks on a background with the CIELCh color 65, 19.490, 219.955.

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, 19.490, 219.955

Protanopia
65, 9.465, 288.974

Deuteranopia
65, 16.408, 300.669



Tritanopia
65, 19.369, 221.933

Trichromacy



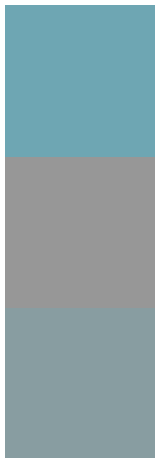
Original Color
65, 19.490, 219.955

Protanomaly
65, 11.003, 248.545

Deuteranomaly
65, 13.813, 267.634

Tritanomaly
65, 19.369, 221.933

Monochromacy



Original Color
65, 19.490, 219.955

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.947, 215.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.490, 219.955 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(110, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(110, 166, 179)  
}
```

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(110, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 166, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.490, 219.955 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(110, 166, 179) }
```

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

```
.border{ border-color:rgb(110, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(110, 166,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.490, 219.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 166, 179) }
```

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

```
.background{ background-color: rgb(110,  
166, 179) }
```

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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