

Converting Colors

CIELCh(65, 23.036, 178.607)

Have a look what the booklet for
CIELCh(65, 23.036, 178.607)
contains.

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Color

CIELCh(65, 22.739, 178.845)

Conversions

Conversions Part 1

Format	Color
Hex	6CA99C
RGB	108, 169, 156
RGB Percent	42%, 66%, 61%
CMY	0.5758, 0.3365, 0.3875
CMYK	0.36, 0.00, 0.08, 0.34
HSL	167°, 26%, 54%
HSV	167°, 36%, 66%
XYZ	26.4419, 34.0472, 36.7078
YIQ	149.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

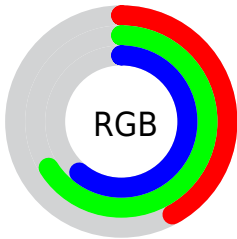
Format	Color
RYB	108, 142, 169
Decimal	7121308
CIELab	65.00, -22.73, 0.46
CIElCh	65, 22.739, 178.845
Yxy	34.0472, 0.2720, 0.3503
Android (android.graphics.Color)	4285311388 (0xFF6CA99C)
YUV	149.2790, 3.3135, -36.2017
Hunter-Lab	58.3500, -21.2232, 3.5458

Details

The CIELCh color **65, 22.739, 178.845** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 26.258, 6.449**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 22.524, 178.683**, and **45, 22.956, 178.587** is the 20% darker color. If you saturate the color by 10%, you get **64, 28.190, 177.737**, and if you desaturate by 10%, it is **66, 16.825, 179.874**.

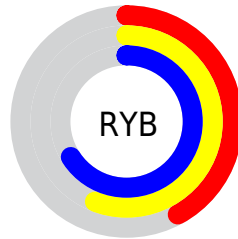
Distribution



Red (42%)

Green (66%)

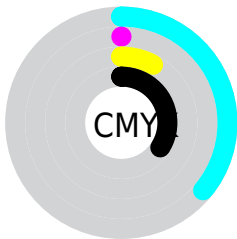
Blue (61%)



Red (42%)

Yellow (56%)

Blue (66%)

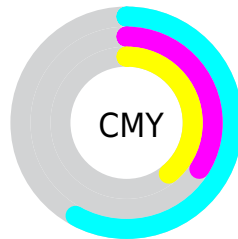


Cyan (36%)

Magenta (0%)

Yellow (8%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.739, 178.845 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, 22.739, 178.845 by changing the saturation by 10% instead.


 65, 22.739,
178.845


 65, 22.739,
178.845


 100, 22.739,
178.845


 55, 22.739,
178.845


 85, 22.739,
178.845

 45, 22.739,
178.845

 95, 22.739,
178.845

 35, 22.739,
178.845

 25, 22.739,
178.845

 15, 22.739,
178.845

 5, 22.739, 178.845

 0, 22.739, 178.845

65, 22.739,
178.845

65, 22.739,
178.845

64, 28.190,
177.737

66, 16.825,
179.874

63, 33.071,
176.537

67, 10.554,
180.850

63, 37.291,
175.221

68, 4.031, 181.829

62, 40.793,
173.765

70, 2.651, 2.417

71, 9.415, 3.369

62, 43.563,
172.149

73, 16.197, 4.188

62, 45.661,
170.367

75, 22.949, 4.967

77, 29.634, 5.717

62, 46.415,
169.666

78, 34.217, 5.202

Harmonies

Complementary

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



65, 22.739, 178.845



53, 26.258, 6.449

Rectangle

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



65, 22.739, 178.845



65, 22.739, 228.845



65, 22.739, 358.845



65, 22.739, 48.845

Sweetspot

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



65, 22.740, 178.843



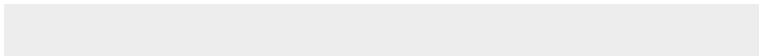
86, 8.988, 181.317



65, 38.441, 136.414



45, 6.020, 181.193



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, 22.740, 178.843



81, 32.747, 177.998



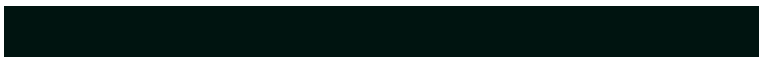
60, 17.263, 232.980



35, 3.737, 181.502



54, 41.926, 169.894



5, 7.117, 177.595

Inverse Universe

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



53, 26.258, 6.449



63, 39.102, 7.783



56, 21.659, 47.768



33, 3.869, 3.040



30, 60.860, 27.374



1, 6.825, 4.515

Previews

White Background



This preview shows how the CIELCh color 65, 22.739, 178.845 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, 22.739, 178.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

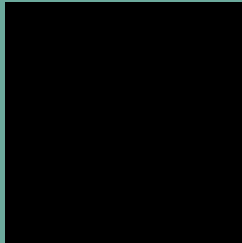
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

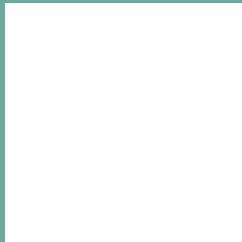
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 22.739, 178.845

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.739, 178.845.

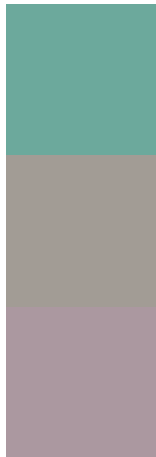


This preview shows how white text looks on a background with the CIELCh color 65, 22.739, 178.845.

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, 22.739, 178.845

Protanopia
65, 4.522, 78.422

Deuteranopia
65, 8.584, 349.080



Tritanopia
65, 18.440, 221.347

Trichromacy



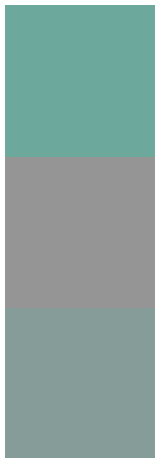
Original Color
65, 22.739, 178.845

Protanomaly
65, 8.830, 164.136

Deuteranomaly
64, 3.783, 207.671

Tritanomaly
65, 18.668, 204.776

Monochromacy



Original Color
65, 22.739, 178.845

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.570, 183.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.739, 178.845 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(108, 169, 156)` looks like.

```
.text, #text, p{  
    color:rgb(108, 169, 156)  
}
```

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(108, 169, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 169, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.739, 178.845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

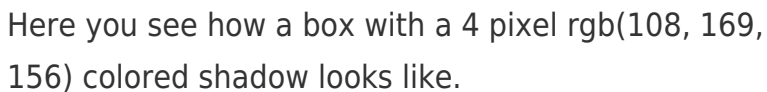
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 169, 156) }
```

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

```
.border{ border-color:rgb(108, 169, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 169, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 169, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 169, 156);  
box-shadow:4px 4px 4px 4px rgb(108, 169,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.739, 178.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 169, 156) }
```

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

```
.background{ background-color: rgb(108,  
169, 156) }
```

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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