

Converting Colors

CIELCh(65, 22.868, 154.878)

Have a look what the booklet for
CIELCh(65, 22.868, 154.878)
contains.

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Color

CIELCh(65, 22.892, 154.864)

Conversions

Conversions Part 1

Format	Color
Hex	7CA88C
RGB	124, 168, 140
RGB Percent	49%, 66%, 55%
CMY	0.5148, 0.3423, 0.4521
CMYK	0.26, 0.00, 0.17, 0.34
HSL	142°, 20%, 57%
HSV	142°, 26%, 66%
XYZ	26.9335, 34.0472, 29.8547
YIQ	151.6520, -17.2360, -18.0360

Conversions

Conversions Part 2

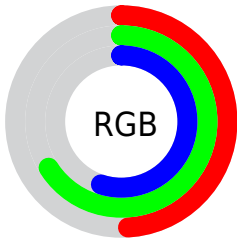
Format	Color
RYB	124, 156, 168
Decimal	8169612
CIELab	65.00, -20.72, 9.72
CIELCh	65, 22.892, 154.864
Yxy	34.0472, 0.2965, 0.3748
Android (android.graphics.Color)	4286359692 (0xFF7CA88C)
YUV	151.6520, -5.7444, -24.2508
Hunter-Lab	58.3500, -19.7195, 10.5093

Details

The CIELCh color $65, 22.892, 154.864$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 23.239, 338.966$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 22.617, 155.600$, and $45, 22.959, 154.710$ is the 20% darker color. If you saturate the color by 10%, you get $64, 31.462, 153.838$, and if you desaturate by 10%, it is $66, 14.173, 155.767$.

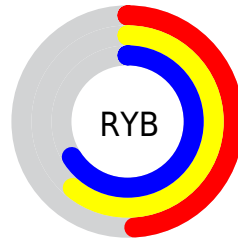
Distribution



Red (49%)

Green (66%)

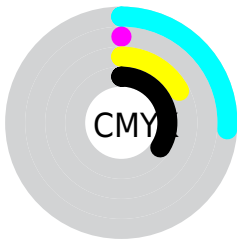
Blue (55%)



Red (49%)

Yellow (61%)

Blue (66%)

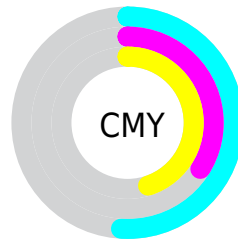


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (51%)


Magenta (34%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 22.892, 154.864 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, 22.892, 154.864 by changing the saturation by 10% instead.


 65, 22.892,
154.864


 65, 22.892,
154.864


 100, 22.892,
154.864


 55, 22.892,
154.864


 85, 22.892,
154.864

 45, 22.892,
154.864

 95, 22.892,
154.864

 35, 22.892,
154.864

 25, 22.892,
154.864

 15, 22.892,
154.864

 5, 22.892, 154.864

 0, 22.892, 154.864

65, 22.892,
154.864

65, 22.892,
154.864

64, 31.462,
153.838

66, 14.173,
155.767

63, 39.739,
152.667

68, 5.420, 156.593

62, 47.572,
151.328

69, 3.270, 337.139

61, 54.808,
149.805

71, 11.823,
337.835

61, 61.318,
148.088

73, 20.190,
338.410

60, 67.009,
146.189

75, 28.336,
338.925


60, 71.860,
144.159

77, 36.241,
339.394

60, 73.552,

79, 43.192,
338.755

143.438

 79, 46.920,
333.547

Harmonies

Complementary

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



65, 22.892, 154.864



57, 23.239, 338.966

Rectangle

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



65, 22.892, 154.864



65, 22.892, 204.864



65, 22.892, 334.864



65, 22.892, 24.864

Sweetspot

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



65, 22.893, 154.863



86, 8.666, 156.435



67, 24.829, 122.278



45, 6.154, 156.317



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, 22.893, 154.863



82, 33.583, 154.332



66, 16.249, 184.933



35, 4.945, 156.342



53, 66.706, 143.678



5, 9.351, 154.822

Inverse Universe

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



57, 23.239, 338.966



70, 34.167, 339.429



56, 18.372, 9.811



33, 4.979, 337.607



32, 59.452, 349.333



2, 8.522, 340.627

Previews

White Background



This preview shows how the CIELCh color 65, 22.892, 154.864 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, 22.892, 154.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

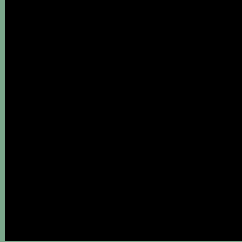
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.892, 154.864

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.892, 154.864.

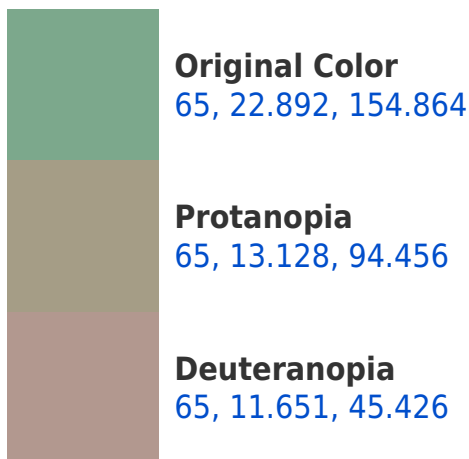



This preview shows how white text looks on a background with the CIELCh color 65, 22.892, 154.864.

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, 13.056, 232.412

Trichromacy



Original Color
65, 22.892, 154.864

Protanomaly
65, 14.512, 126.229

Deuteranomaly
65, 8.855, 109.220

Tritanomaly
65, 13.352, 193.471

Monochromacy



Original Color
65, 22.892, 154.864

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 8.348, 156.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.892, 154.864 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(124, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 140)  
}
```

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(124, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.892, 154.864 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(124, 168, 140) }
```

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

```
.border{ border-color:rgb(124, 168, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 140);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.892, 154.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 140) }
```

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

```
.background{ background-color: rgb(124,  
168, 140) }
```

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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