

Converting Colors

CIELCh(66, 15.510, 222.173)

Have a look what the booklet for
CIELCh(66, 15.510, 222.173)
contains.

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Color

CIELCh(66, 15.555, 223.828)

Conversions

Conversions Part 1

Format	Color
Hex	7DA7B3
RGB	125, 167, 179
RGB Percent	49%, 65%, 70%
CMY	0.5092, 0.3445, 0.2974
CMYK	0.30, 0.07, 0.00, 0.30
HSL	193°, 26%, 60%
HSV	193°, 30%, 70%
XYZ	30.4768, 35.3238, 47.9397
YIQ	155.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

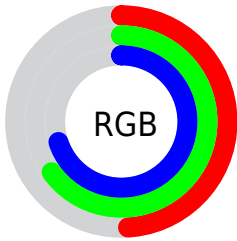
Format	Color
RYB	125, 149, 179
Decimal	8234931
CIELab	66.00, -11.22, -10.77
CIElCh	66, 15.555, 223.828
Yxy	35.3238, 0.2680, 0.3106
Android (android.graphics.Color)	4286425011 (0xFF7DA7B3)
YUV	155.8100, 11.4327, -27.0204
Hunter-Lab	59.4338, -12.4770, -6.2200

Details

The CIELCh color `66, 15.555, 223.828` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 19.037, 41.478`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 15.586, 224.664`, and `46, 15.423, 223.313` is the 20% darker color. If you saturate the color by 10%, you get `64, 19.931, 224.833`, and if you desaturate by 10%, it is `68, 10.736, 223.079`.

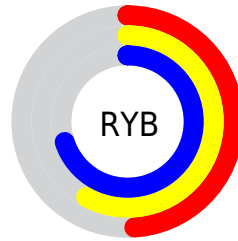
Distribution



Red (49%)

Green (65%)

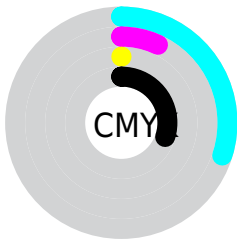
Blue (70%)



Red (49%)

Yellow (58%)

Blue (70%)

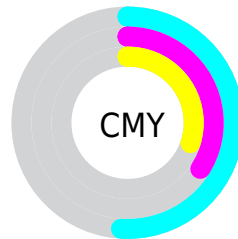


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (51%)


Magenta (34%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.555, 223.828 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 66, 15.555, 223.828 by changing the saturation by 10% instead.


 66, 15.555,
223.828


 66, 15.555,
223.828


 100, 15.555,
223.828


 56, 15.555,
223.828


 86, 15.555,
223.828

 46, 15.555,
223.828

 96, 15.555,
223.828

 36, 15.555,
223.828

 26, 15.555,
223.828

 16, 15.555,
223.828

 6, 15.555, 223.828

 0, 15.555, 223.828

66, 15.555,
223.828

66, 15.555,
223.828

64, 19.931,
224.833

68, 10.736,
223.079

62, 23.786,
226.170

71, 5.554, 222.568

60, 27.054,
227.909

73, 0.083, 228.041

75, 5.613, 41.726

58, 29.690,
230.135

78, 11.478, 41.598

57, 31.695,
232.934

81, 17.464, 41.514

83, 23.535, 41.480

55, 33.124,
236.373

85, 24.595, 45.620

54, 34.177,
240.271

86, 24.202, 51.326

Harmonies

Complementary

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



66, 15.555, 223.828



61, 19.037, 41.478

Rectangle

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



66, 15.555, 223.828



66, 15.555, 273.828



66, 15.555, 43.828



66, 15.555, 93.828

Sweetspot

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



66, 15.555, 223.823



89, 6.096, 222.531



68, 31.007, 148.834



47, 4.255, 222.585



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 15.555, 223.823



82, 22.377, 224.442



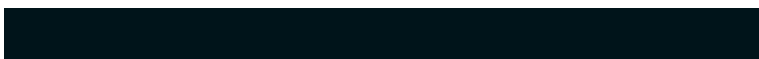
59, 22.387, 279.381



37, 3.098, 222.537



46, 30.360, 239.686



5, 7.482, 232.727

Inverse Universe

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



59, 31.048, 333.277



72, 45.602, 333.734



68, 22.146, 91.194



35, 5.783, 331.869



34, 66.649, 339.336



2, 13.057, 334.699

Previews

White Background



This preview shows how the CIELCh color 66, 15.555, 223.828 looks on a white background.

Color Contrast Check

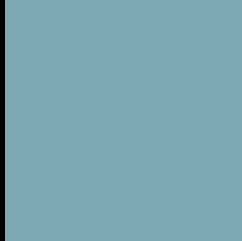
Large Text (above 18pt) WCAG AA × Fail

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 66, 15.555, 223.828 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 66, 15.555, 223.828

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.555, 223.828.

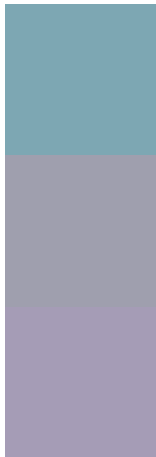


This preview shows how white text looks on a background with the CIELCh color 66, 15.555, 223.828.

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


66, 15.555, 223.828

Protanopia

66, 8.323, 291.053

Deuteranopia

66, 14.858, 304.321



Tritanopia
66, 15.741, 225.784

Trichromacy



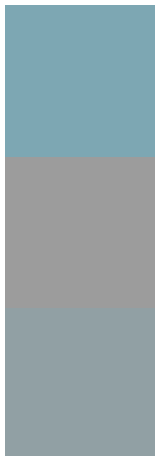
Original Color
66, 15.555, 223.828

Protanomaly
66, 9.319, 255.777

Deuteranomaly
66, 12.001, 275.934

Tritanomaly
66, 15.741, 225.784

Monochromacy



Original Color
66, 15.555, 223.828

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 5.913, 221.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.555, 223.828 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(125, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 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(125, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.555, 223.828 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(125, 167, 179) }
```

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

```
.border{ border-color:rgb(125, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.555, 223.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 179) }
```

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

```
.background{ background-color: rgb(125,  
167, 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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