

Converting Colors

CIELCh(66, 18.046, 234.701)

Have a look what the booklet for
CIELCh(66, 18.046, 234.701)
contains.

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Color

CIELCh(66, 17.902, 234.688)

Conversions

Conversions Part 1

Format	Color
Hex	7AA7BA
RGB	122, 167, 186
RGB Percent	48%, 65%, 73%
CMY	0.5215, 0.3451, 0.2706
CMYK	0.34, 0.10, 0.00, 0.27
HSL	198°, 32%, 60%
HSV	198°, 34%, 73%
XYZ	30.7109, 35.3238, 51.6584
YIQ	155.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

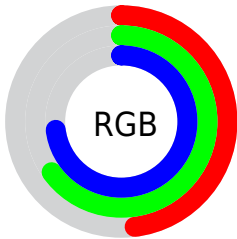
Format	Color
RYB	122, 148, 186
Decimal	8038330
CIELab	66.00, -10.35, -14.61
CIElCh	66, 17.902, 234.688
Yxy	35.3238, 0.2609, 0.3001
Android (android.graphics.Color)	4286228410 (0xFF7AA7BA)
YUV	155.7110, 14.9325, -29.5645
Hunter-Lab	59.4338, -11.7741, -9.9297

Details

The CIELCh color **66, 17.902, 234.688** is a light color, and the websafe version is hex **669999**. A complement of this color would be **62, 22.108, 49.253**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.939, 234.616**, and **46, 17.944, 235.026** is the 20% darker color. If you saturate the color by 10%, you get **63, 22.320, 236.359**, and if you desaturate by 10%, it is **69, 13.077, 233.368**.

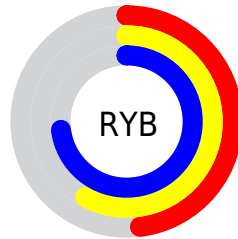
Distribution



Red (48%)

Green (65%)

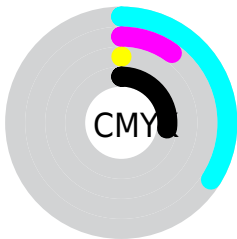
Blue (73%)



Red (48%)

Yellow (58%)

Blue (73%)

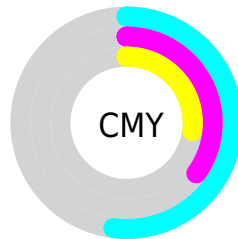


Cyan (34%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (52%)

Magenta (35%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 17.902, 234.688 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, 17.902, 234.688 by changing the saturation by 10% instead.

 66, 17.902,
234.688


 66, 17.902,
234.688


 100, 17.902,
234.688


 56, 17.902,
234.688

 86, 17.902,
234.688

 46, 17.902,
234.688

 96, 17.902,
234.688

 36, 17.902,
234.688

 26, 17.902,
234.688

 16, 17.902,
234.688

 6, 17.902, 234.688

 0, 17.902, 234.688

66, 17.902,
234.688

66, 17.902,
234.688

63, 22.320,
236.359

69, 13.077,
233.368

61, 26.272,
238.472

71, 7.912, 232.348

74, 2.473, 231.661

59, 29.720,
241.111

77, 3.183, 50.672

56, 32.660,
244.364

80, 9.002, 50.264

54, 35.141,
248.288

83, 14.942, 49.890

86, 20.966, 49.589

53, 37.280,
252.876

88, 21.680, 57.183

52, 38.451,
255.552

89, 21.959, 66.119

Harmonies

Complementary

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



66, 17.902, 234.688



62, 22.108, 49.253

Rectangle

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



66, 17.902, 234.688



66, 17.902, 284.688



66, 17.902, 54.688



66, 17.902, 104.688

Sweetspot

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



66, 17.901, 234.685



92, 6.871, 232.000



70, 34.640, 150.802



49, 4.711, 232.110



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 17.901, 234.685



82, 25.796, 235.862



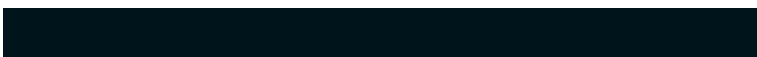
57, 28.767, 284.438



37, 3.113, 231.939



43, 33.483, 254.792



5, 8.668, 244.613

Inverse Universe

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



59, 34.659, 336.652



72, 50.884, 337.261



70, 27.746, 95.318



36, 5.612, 334.754



34, 64.100, 344.369



3, 14.101, 339.144

Previews

White Background



This preview shows how the CIELCh color 66, 17.902, 234.688 looks on a white background.

Color Contrast Check

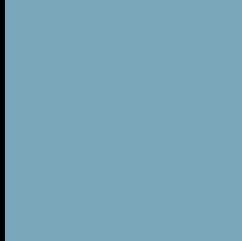
Large Text (above 18pt) WCAG AA × Fail

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, 17.902, 234.688 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, 17.902, 234.688

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.902, 234.688.



This preview shows how white text looks on a background with the CIELCh color 66, 17.902, 234.688.

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, 17.902, 234.688

Protanopia

66, 12.210, 288.082

Deuteranopia

66, 17.946, 298.814



Tritanopia
66, 17.091, 223.342

Trichromacy



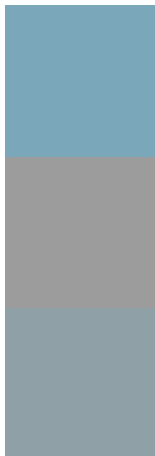
Original Color
66, 17.902, 234.688

Protanomaly
66, 13.060, 262.586

Deuteranomaly
66, 15.517, 274.828

Tritanomaly
66, 17.458, 226.901

Monochromacy



Original Color
66, 17.902, 234.688

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.939, 233.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.902, 234.688 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(122, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(122, 167, 186)  
}
```

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(122, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 167, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.902, 234.688 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(122, 167, 186) }
```

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

```
.border{ border-color:rgb(122, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 167, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 167, 186); box-shadow:4px 4px 4px 4px rgb(122, 167, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.902, 234.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 167, 186) }
```

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

```
.background{ background-color: rgb(122,  
167, 186) }
```

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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