

Converting Colors

CIELCh(66, 17.009, 225.627)

Have a look what the booklet for
CIELCh(66, 17.009, 225.627)
contains.

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Color

CIELCh(66, 17.002, 225.611)

Conversions

Conversions Part 1

Format	Color
Hex	7AA8B6
RGB	122, 168, 182
RGB Percent	48%, 66%, 71%
CMY	0.5231, 0.3428, 0.2879
CMYK	0.33, 0.08, 0.00, 0.29
HSL	194°, 29%, 59%
HSV	194°, 33%, 71%
XYZ	30.2977, 35.3238, 49.2540
YIQ	155.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

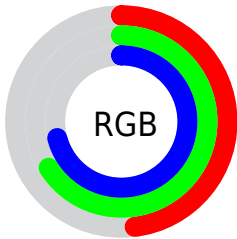
Format	Color
RYB	122, 148, 182
Decimal	8038582
CIELab	66.00, -11.89, -12.15
CIElCh	66, 17.002, 225.611
Yxy	35.3238, 0.2637, 0.3075
Android (android.graphics.Color)	4286228662 (0xFF7AA8B6)
YUV	155.8420, 12.8959, -29.6794
Hunter-Lab	59.4338, -13.0149, -7.5311

Details

The CIELCh color $66, 17.002, 225.611$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $61, 21.227, 42.608$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 17.045, 226.160$, and $46, 17.047, 225.097$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.285, 226.788$, and if you desaturate by 10%, it is $68, 12.259, 224.719$.

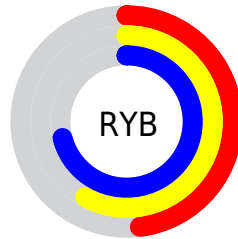
Distribution



Red (48%)

Green (66%)

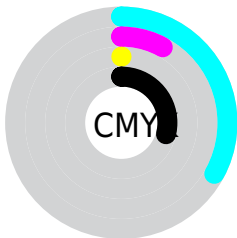
Blue (71%)



Red (48%)

Yellow (58%)

Blue (71%)

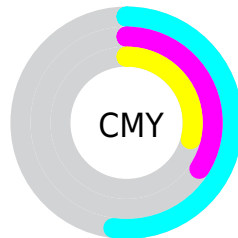


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (52%)


Magenta (34%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 17.002, 225.611 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, 17.002, 225.611 by changing the saturation by 10% instead.


 66, 17.002,
225.611


 66, 17.002,
225.611


 100, 17.002,
225.611


 56, 17.002,
225.611


 86, 17.002,
225.611

 46, 17.002,
225.611

 96, 17.002,
225.611

 36, 17.002,
225.611

 26, 17.002,
225.611

 16, 17.002,
225.611

 6, 17.002, 225.611

 0, 17.002, 225.611

66, 17.002,
225.611

66, 17.002,
225.611

64, 21.285,
226.788

68, 12.259,
224.719

62, 25.032,
228.331

71, 7.134, 224.077

73, 1.701, 223.808

60, 28.185,
230.318

76, 3.970, 43.039

58, 30.712,
232.838

78, 9.824, 42.871

56, 32.633,
235.972

81, 15.811, 42.732

84, 21.892, 42.648

55, 34.030,
239.773

85, 23.628, 46.646

54, 34.850,
242.674

86, 23.278, 52.992

Harmonies

Complementary

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



66, 17.002, 225.611



61, 21.227, 42.608

Rectangle

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



66, 17.002, 225.611



66, 17.002, 275.611



66, 17.002, 45.611



66, 17.002, 95.611

Sweetspot

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



66, 17.002, 225.607



91, 6.847, 223.939



69, 34.321, 148.552



48, 4.693, 224.004



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



66, 17.002, 225.607



82, 24.823, 226.481



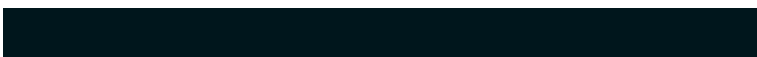
58, 24.887, 279.933



38, 3.157, 223.904



47, 31.010, 242.087



6, 8.515, 234.809

Inverse Universe

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



59, 34.103, 333.913



71, 50.984, 334.473



68, 24.580, 90.815



36, 5.873, 332.279



35, 66.917, 340.053



3, 14.916, 335.667

Previews

White Background



This preview shows how the CIELCh color 66, 17.002, 225.611 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, 17.002, 225.611 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, 17.002, 225.611

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.002, 225.611.



This preview shows how white text looks on a background with the CIELCh color 66, 17.002, 225.611.

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, 17.002, 225.611

Protanopia

66, 9.432, 288.955

Deuteranopia

66, 15.868, 302.216



Tritanopia
66, 17.091, 223.342

Trichromacy



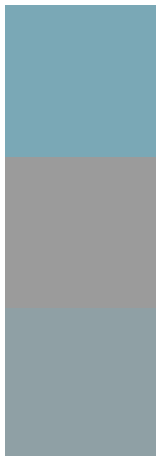
Original Color
66, 17.002, 225.611

Protanomaly
66, 10.585, 256.336

Deuteranomaly
66, 13.235, 274.482

Tritanomaly
66, 17.091, 223.342

Monochromacy



Original Color
66, 17.002, 225.611

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.760, 223.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.002, 225.611 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, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 182)  
}
```

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, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.002, 225.611 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, 168, 182) }
```

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

```
.border{ border-color:rgb(122, 168, 182) }
```

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

Here you see how a box with a 4 pixel rgb(122, 168, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.002, 225.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 182) }
```

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

```
.background{ background-color: rgb(122,  
168, 182) }
```

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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