

Converting Colors

CIELCh(66, 16.080, 224.618)

Have a look what the booklet for
CIELCh(66, 16.080, 224.618)
contains.

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Color

CIELCh(66, 16.013, 225.261)

Conversions

Conversions Part 1

Format	Color
Hex	7CA7B4
RGB	124, 167, 180
RGB Percent	49%, 65%, 71%
CMY	0.5129, 0.3442, 0.2932
CMYK	0.31, 0.07, 0.00, 0.29
HSL	194°, 27%, 60%
HSV	194°, 31%, 71%
XYZ	30.4636, 35.3238, 48.5115
YIQ	155.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

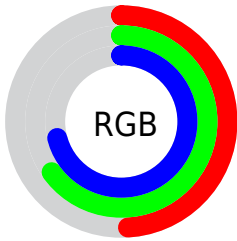
Format	Color
RYB	124, 148, 180
Decimal	8169396
CIELab	66.00, -11.27, -11.37
CIElCh	66, 16.013, 225.261
Yxy	35.3238, 0.2665, 0.3090
Android (android.graphics.Color)	4286359476 (0xFF7CA7B4)
YUV	155.6250, 12.0169, -27.7351
Hunter-Lab	59.4338, -12.5167, -6.7904

Details

The CIELCh color **66, 16.013, 225.261** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 19.696, 42.501**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 16.049, 225.953**, and **46, 15.860, 224.971** is the 20% darker color. If you saturate the color by 10%, you get **64, 20.366, 226.366**, and if you desaturate by 10%, it is **68, 11.217, 224.428**.

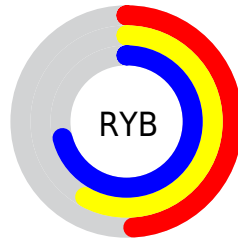
Distribution



Red (49%)

Green (65%)

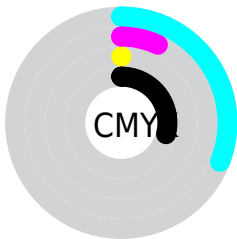
Blue (71%)



Red (49%)

Yellow (58%)

Blue (71%)

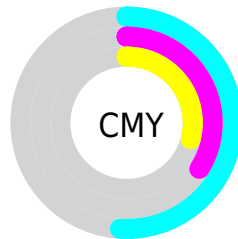


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (51%)


Magenta (34%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 16.013, 225.261 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, 16.013, 225.261 by changing the saturation by 10% instead.


 66, 16.013,
225.261


 66, 16.013,
225.261


 100, 16.013,
225.261


 56, 16.013,
225.261


 86, 16.013,
225.261

 46, 16.013,
225.261

 96, 16.013,
225.261

 36, 16.013,
225.261

 26, 16.013,
225.261

 16, 16.013,
225.261

 6, 16.013, 225.261

 0, 16.013, 225.261

66, 16.013,
225.261

66, 16.013,
225.261

64, 20.366,
226.366

68, 11.217,
224.428

62, 24.200,
227.821

71, 6.056, 223.839

73, 0.603, 224.121

60, 27.451,
229.701

76, 5.076, 42.882

58, 30.082,
232.093

78, 10.927, 42.714

56, 32.100,
235.082

81, 16.902, 42.590

84, 22.963, 42.519

55, 33.573,
238.730

85, 24.096, 46.927

54, 34.616,
242.409

86, 23.755, 53.070

Harmonies

Complementary

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



66, 16.013, 225.261



61, 19.696, 42.501

Rectangle

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



66, 16.013, 225.261



66, 16.013, 275.261



66, 16.013, 45.261



66, 16.013, 95.261

Sweetspot

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



66, 16.013, 225.257



90, 6.126, 223.756



69, 32.111, 148.744



47, 4.239, 223.817



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, 16.013, 225.257



82, 23.051, 225.949



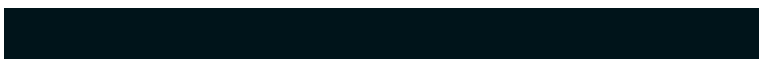
58, 23.216, 279.557



37, 3.086, 223.763



46, 30.599, 241.783



5, 7.479, 234.265

Inverse Universe

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



59, 31.934, 333.727



72, 46.928, 334.201



68, 22.954, 91.072



35, 5.742, 332.235



34, 66.178, 339.961



2, 12.940, 335.208

Previews

White Background



This preview shows how the CIELCh color 66, 16.013, 225.261 looks on a white background.

Color Contrast Check

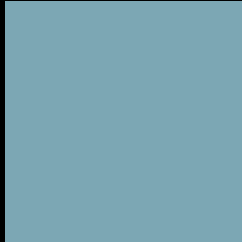
Large Text (above 18pt) WCAG AA × Fail

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, 16.013, 225.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

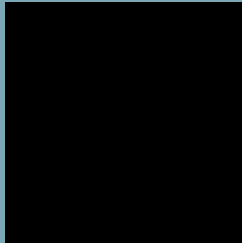
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

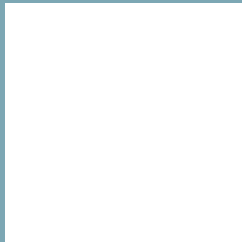
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 16.013, 225.261

Background



This preview shows how black text looks on a background with the CIELCh color 66, 16.013, 225.261.



This preview shows how white text looks on a background with the CIELCh color 66, 16.013, 225.261.

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
66, 16.211, 227.149

Trichromacy



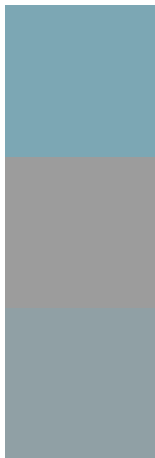
Original Color
66, 16.013, 225.261

Protanomaly
66, 9.953, 256.063

Deuteranomaly
66, 12.617, 275.163

Tritanomaly
66, 16.211, 227.149

Monochromacy



Original Color
66, 16.013, 225.261

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 6.438, 224.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 16.013, 225.261 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, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(124, 167, 180)  
}
```

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, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 167, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 16.013, 225.261 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, 167, 180) }
```

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

```
.border{ border-color:rgb(124, 167, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(124, 167,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 16.013, 225.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 167, 180) }
```

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

```
.background{ background-color: rgb(124,  
167, 180) }
```

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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