

Converting Colors

CIELCh(66, 7.036, 224.079)

Have a look what the booklet for
CIELCh(66, 7.036, 224.079) contains.

CIELCh(66, 6.960, 227.621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 6.960, 227.621)

Conversions

Conversions Part 1

Format	Color
Hex	92A3A9
RGB	146, 163, 169
RGB Percent	57%, 64%, 66%
CMY	0.4262, 0.3595, 0.3360
CMYK	0.14, 0.04, 0.00, 0.34
HSL	196°, 12%, 62%
HSV	196°, 14%, 66%
XYZ	32.2550, 35.3238, 42.8121
YIQ	158.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

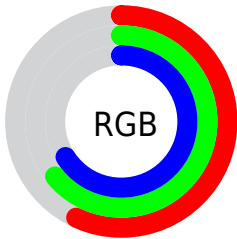
Format	Color
R_{YB}	146, 156, 169
Decimal	9610153
CIE _{Lab}	66.00, -4.69, -5.14
CIE _{LCh}	66, 6.960, 227.621
Yxy	35.3238, 0.2922, 0.3200
Android (android.graphics.Color)	4287800233 (0xFF92A3A9)
YUV	158.6010, 5.1267, -11.0511
Hunter-Lab	59.4338, -7.1365, -1.1048

Details

The CIELCh color **66, 6.960, 227.621** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 7.535, 46.050**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 6.955, 226.073**, and **46, 7.022, 229.511** is the 20% darker color. If you saturate the color by 10%, you get **64, 11.766, 228.408**, and if you desaturate by 10%, it is **68, 1.881, 227.157**.

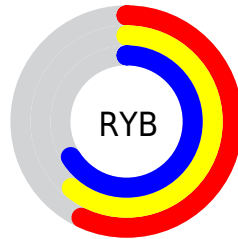
Distribution



Red (57%)

Green (64%)

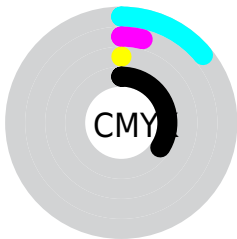
Blue (66%)



Red (57%)

Yellow (61%)

Blue (66%)

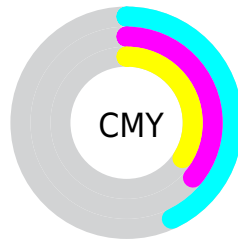


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.960, 227.621 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, 6.960, 227.621 by changing the saturation by 10% instead.

■ 66, 6.960, 227.621 ■ 66, 6.960, 227.621

■ 100, 6.960,
227.621 ■ 56, 6.960, 227.621

■ 86, 6.960, 227.621 ■ 46, 6.960, 227.621

■ 96, 6.960, 227.621 ■ 36, 6.960, 227.621

■ 26, 6.960, 227.621

■ 16, 6.960, 227.621

■ 6, 6.960, 227.621

■ 0, 6.960, 227.621

■ 66, 6.960, 227.621 ■ 66, 6.960, 227.621

■ 64, 11.766, ■ 68, 1.881, 227.157

228.408

71, 3.414, 46.299

61, 16.232,
229.473

74, 8.871, 46.026

59, 20.290,
230.857

76, 14.449, 45.785

57, 23.877,
232.631

79, 20.112, 45.606

55, 26.945,
234.883

82, 25.830, 45.481

53, 29.473,
237.700

83, 27.929, 48.604

52, 31.489,
241.159

84, 27.611, 54.177

50, 33.080,
245.294

49, 34.023,
248.117

Harmonies

Complementary

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



66, 6.960, 227.621



64, 7.535, 46.050

Rectangle

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



66, 6.960, 227.621



66, 6.960, 277.621



66, 6.960, 47.621



66, 6.960, 97.621

Sweetspot

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



66, 6.960, 227.608



86, 2.585, 227.154



67, 13.007, 151.432



45, 1.831, 227.162



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 6.960, 227.608



83, 10.047, 227.799



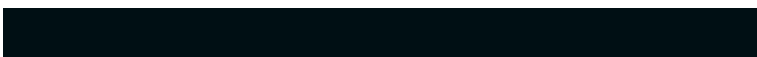
63, 9.836, 278.958



34, 2.914, 227.345



43, 30.699, 247.537



4, 5.383, 235.495

Inverse Universe

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



63, 12.967, 333.611



79, 18.873, 333.798



67, 9.744, 95.631



33, 5.358, 333.314



33, 63.315, 341.783



2, 9.227, 335.589

Previews

White Background



This preview shows how the CIELCh color 66, 6.960, 227.621 looks on a white background.

Color Contrast Check

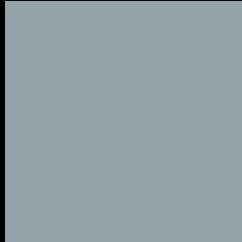
Large Text (above 18pt) WCAG AA × Fail

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 66, 6.960, 227.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

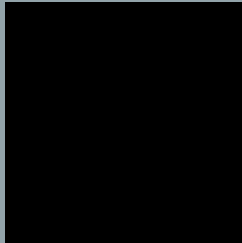
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

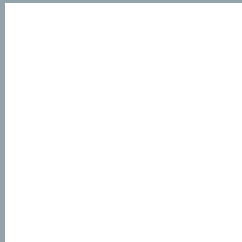
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 6.960, 227.621

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.960, 227.621.



This preview shows how white text looks on a background with the CIELCh color 66, 6.960, 227.621.

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

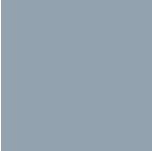
66, 6.960, 227.621

Protanopia

66, 4.515, 300.199

Deuteranopia

66, 10.093, 324.892



Tritanopia
66, 8.883, 253.589

Trichromacy



Original Color
66, 6.960, 227.621

Protanomaly
66, 4.271, 264.855

Deuteranomaly
66, 6.221, 301.156

Tritanomaly
66, 8.052, 248.536

Monochromacy



Original Color
66, 6.960, 227.621

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 2.831, 222.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.960, 227.621 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(146, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(146, 163, 169)  
}
```

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(146, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 163, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.960, 227.621 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(146, 163, 169) }
```

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

```
.border{ border-color:rgb(146, 163, 169) }
```

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

Here you see how a box with a 4 pixel rgb(146, 163, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(146, 163,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.960, 227.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 163, 169) }
```

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

```
.background{ background-color: rgb(146,  
163, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor