

Converting Colors

CIELCh(67, 8.090, 227.549)

Have a look what the booklet for
CIELCh(67, 8.090, 227.549) contains.

CIELCh(67, 8.097, 227.555)	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(67, 8.097, 227.555)

Conversions

Conversions Part 1

Format	Color
Hex	92A6AD
RGB	146, 166, 173
RGB Percent	57%, 65%, 68%
CMY	0.4256, 0.3472, 0.3197
CMYK	0.16, 0.04, 0.00, 0.32
HSL	196°, 14%, 63%
HSV	196°, 16%, 68%
XYZ	33.2464, 36.6320, 45.0936
YIQ	160.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

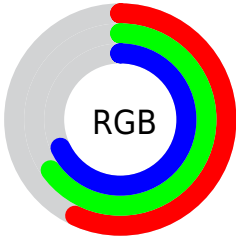
Format	Color
RYB	146, 157, 173
Decimal	9610925
CIELab	67.00, -5.46, -5.97
CIELCh	67, 8.097, 227.555
Yxy	36.6320, 0.2892, 0.3186
Android (android.graphics.Color)	4287801005 (0xFF92A6AD)
YUV	160.8180, 6.0057, -12.9954
Hunter-Lab	60.5244, -7.8665, -1.8069

Details

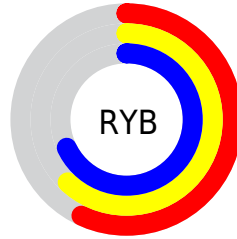
The CIELCh color $67, 8.097, 227.555$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.882, 45.796$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.055, 226.165$, and $47, 8.195, 229.284$ is the 20% darker color. If you saturate the color by 10%, you get $65, 12.934, 228.388$, and if you desaturate by 10%, it is $69, 2.966, 226.985$.

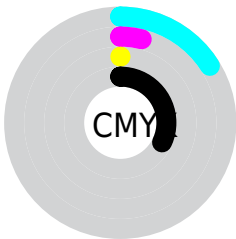
Distribution



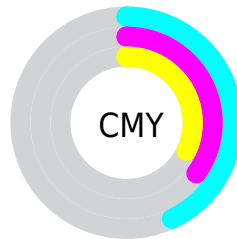
- Red (57%)
- Green (65%)
- Blue (68%)



- Red (57%)
- Yellow (62%)
- Blue (68%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.097, 227.555 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 67, 8.097, 227.555 by changing the saturation by 10% instead.

■ 67, 8.097, 227.555

■ 67, 8.097, 227.555

■ 100, 8.097,
227.555

■ 57, 8.097, 227.555

■ 87, 8.097, 227.555

■ 47, 8.097, 227.555

■ 97, 8.097, 227.555

■ 37, 8.097, 227.555

■ 27, 8.097, 227.555

■ 17, 8.097, 227.555

■ 7, 8.097, 227.555

■ 0, 8.097, 227.555

■ 67, 8.097, 227.555

■ 67, 8.097, 227.555

■ 65, 12.934,

■ 69, 2.966, 226.985

228.388

72, 2.398, 46.131

62, 17.409,
229.505

75, 7.938, 45.897

60, 21.452,
230.954

77, 13.610, 45.649

58, 24.999,
232.811

80, 19.375, 45.463

56, 28.005,
235.163

84, 26.331, 49.688

54, 30.458,
238.099

85, 26.083, 55.729

52, 32.398,
241.690

86, 26.137, 61.810

51, 33.932,
245.948

50, 34.592,
247.892

Harmonies

Complementary

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



67, 8.097, 227.555



65, 8.882, 45.796

Rectangle

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



67, 8.097, 227.555



67, 8.097, 277.555



67, 8.097, 47.555



67, 8.097, 97.555

Sweetspot

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



67, 8.097, 227.544



88, 3.285, 226.972



68, 15.213, 151.277



46, 2.235, 226.991



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 8.097, 227.544



83, 12.062, 227.831



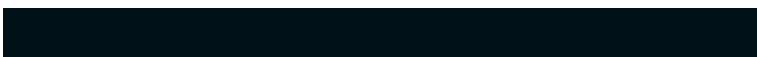
63, 11.523, 279.240



35, 2.988, 227.147



44, 31.043, 247.294



4, 6.395, 236.981

Inverse Universe

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



64, 15.190, 333.689



79, 22.890, 333.951



68, 11.403, 95.392



34, 5.499, 333.255



33, 64.164, 341.703



2, 10.859, 336.100

Previews

White Background



This preview shows how the CIELCh color 67, 8.097, 227.555 looks on a white background.

Color Contrast Check

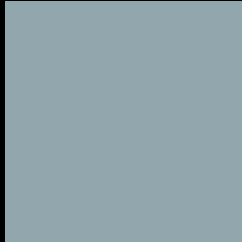
Large Text (above 18pt) WCAG AA × Fail

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 67, 8.097, 227.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

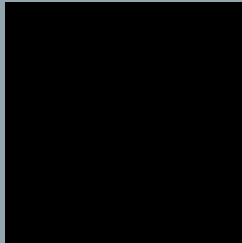
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 8.097, 227.555

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.097, 227.555.



This preview shows how white text looks on a background with the CIELCh color 67, 8.097, 227.555.

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

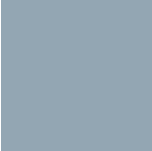
67, 8.097, 227.555

Protanopia

67, 4.999, 294.968

Deuteranopia

67, 10.996, 321.652



Tritanopia
67, 9.719, 246.857

Trichromacy



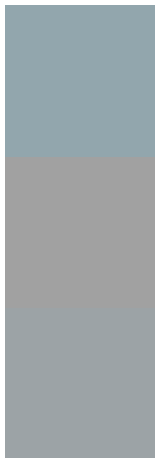
Original Color
67, 8.097, 227.555

Protanomaly
67, 5.072, 260.132

Deuteranomaly
67, 7.246, 296.772

Tritanomaly
67, 8.989, 241.698

Monochromacy



Original Color
67, 8.097, 227.555

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 3.070, 232.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.097, 227.555 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, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 173)  
}
```

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, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.097, 227.555 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, 166, 173) }
```

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

```
.border{ border-color:rgb(146, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.097, 227.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 173) }
```

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

```
.background{ background-color: rgb(146,  
166, 173) }
```

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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