

Converting Colors

CIELCh(67, 6.515, 226.016)

Have a look what the booklet for
CIELCh(67, 6.515, 226.016) contains.

CIELCh(67, 6.402, 224.645)	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, 6.402, 224.645)

Conversions

Conversions Part 1

Format	Color
Hex	96A6AB
RGB	150, 166, 171
RGB Percent	59%, 65%, 67%
CMY	0.4123, 0.3495, 0.3299
CMYK	0.12, 0.03, 0.00, 0.33
HSL	194°, 11%, 63%
HSV	194°, 12%, 67%
XYZ	33.5046, 36.6320, 43.7672
YIQ	161.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

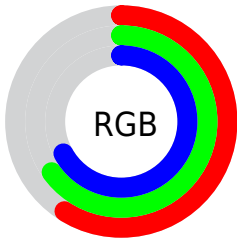
Format	Color
RYB	150, 159, 171
Decimal	9873067
CIELab	67.00, -4.55, -4.50
CIELCh	67, 6.402, 224.645
Yxy	36.6320, 0.2941, 0.3216
Android (android.graphics.Color)	4288063147 (0xFF96A6AB)
YUV	161.7860, 4.5425, -10.3363
Hunter-Lab	60.5244, -7.1050, -0.5075

Details

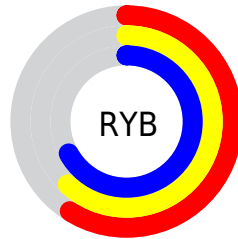
The CIELCh color $67, 6.402, 224.645$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 6.891, 43.465$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 6.429, 223.184$, and $47, 6.424, 226.404$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.300, 225.276$, and if you desaturate by 10%, it is $69, 1.221, 224.444$.

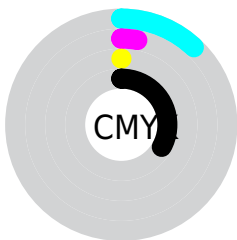
Distribution



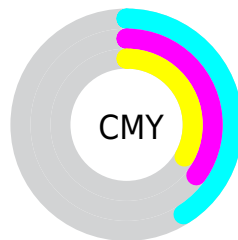
- Red (59%)
- Green (65%)
- Blue (67%)



- Red (59%)
- Yellow (62%)
- Blue (67%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (41%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 6.402, 224.645 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, 6.402, 224.645 by changing the saturation by 10% instead.

■ 67, 6.402, 224.645

■ 67, 6.402, 224.645

■ 100, 6.402,
224.645

■ 57, 6.402, 224.645

■ 87, 6.402, 224.645

■ 47, 6.402, 224.645

■ 97, 6.402, 224.645

■ 37, 6.402, 224.645

■ 27, 6.402, 224.645

■ 17, 6.402, 224.645

■ 7, 6.402, 224.645

■ 0, 6.402, 224.645

■ 67, 6.402, 224.645

■ 67, 6.402, 224.645

■ 65, 11.300,

■ 69, 1.221, 224.444

225.276

72, 4.180, 43.582

63, 15.847,
226.166

74, 9.749, 43.393

60, 19.968,
227.347

77, 15.440, 43.241

58, 23.595,
228.884

80, 21.217, 43.144

57, 26.668,
230.860

83, 27.465, 47.370

55, 29.159,
233.361

84, 27.113, 52.580

53, 31.079,
236.471

85, 26.996, 57.881

52, 32.502,
240.244

51, 33.428,
243.447

Harmonies

Complementary

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



67, 6.402, 224.645



65, 6.891, 43.465

Rectangle

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



67, 6.402, 224.645



67, 6.402, 274.645



67, 6.402, 44.645



67, 6.402, 94.645

Sweetspot

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



67, 6.402, 224.630



87, 2.628, 224.353



68, 11.989, 150.922



46, 1.879, 224.353



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, 6.402, 224.630



84, 9.591, 224.798



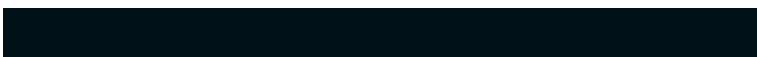
64, 8.780, 277.665



35, 3.007, 224.488



45, 30.371, 242.937



4, 6.389, 233.878

Inverse Universe

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



64, 11.997, 332.650



80, 18.141, 332.851



68, 8.720, 94.628



34, 5.583, 332.450



33, 65.115, 340.313



2, 11.058, 335.044

Previews

White Background



This preview shows how the CIELCh color 67, 6.402, 224.645 looks on a white background.

Color Contrast Check

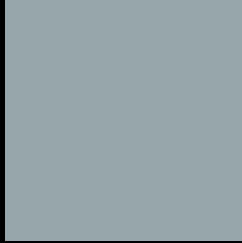
Large Text (above 18pt) WCAG AA × Fail

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, 6.402, 224.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

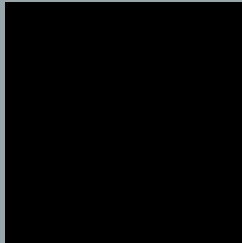
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

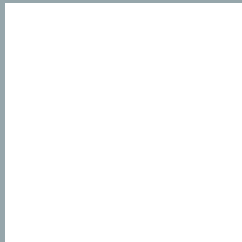
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 6.402, 224.645

Background



This preview shows how black text looks on a background with the CIELCh color 67, 6.402, 224.645.



This preview shows how white text looks on a background with the CIELCh color 67, 6.402, 224.645.

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

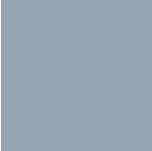
67, 6.402, 224.645

Protanopia

67, 3.956, 301.493

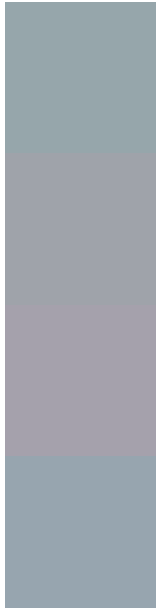
Deuteranopia

67, 9.850, 328.548



Tritanopia
67, 8.658, 255.439

Trichromacy



Original Color
67, 6.402, 224.645

Protanomaly
67, 4.121, 269.504

Deuteranomaly
67, 6.288, 304.490

Tritanomaly
67, 7.403, 247.578

Monochromacy



Original Color
67, 6.402, 224.645

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.163, 230.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 6.402, 224.645 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(150, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(150, 166, 171)  
}
```

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(150, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 166, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 6.402, 224.645 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(150, 166, 171) }
```

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

```
.border{ border-color:rgb(150, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 166, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 166, 171); box-shadow:4px 4px 4px 4px rgb(150, 166, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 6.402, 224.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 166, 171) }
```

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

```
.background{ background-color: rgb(150,  
166, 171) }
```

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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