

Converting Colors

CIELCh(67, 1.330, 226.716)

Have a look what the booklet for
CIELCh(67, 1.330, 226.716) contains.

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Color

CIELCh(67, 1.595, 219.842)

Conversions

Conversions Part 1

Format	Color
Hex	A0A4A5
RGB	160, 164, 165
RGB Percent	63%, 64%, 65%
CMY	0.3734, 0.3577, 0.3538
CMYK	0.03, 0.01, 0.00, 0.35
HSL	192°, 3%, 64%
HSV	192°, 3%, 65%
XYZ	34.4613, 36.6320, 40.7466
YIQ	162.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

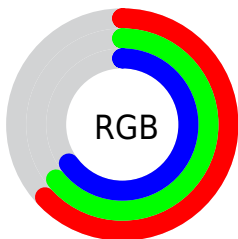
Format	Color
RYB	160, 162, 165
Decimal	10527909
CIELab	67.00, -1.22, -1.02
CIELCh	67, 1.595, 219.842
Yxy	36.6320, 0.3081, 0.3275
Android (android.graphics.Color)	4288717989 (0xFFA0A4A5)
YUV	162.9180, 1.0264, -2.5591
Hunter-Lab	60.5244, -4.2836, 2.4515

Details

The CIELCh color $67, 1.595, 219.842$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 1.621, 39.063$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 1.515, 219.914$, and $47, 1.337, 225.834$ is the 20% darker color. If you saturate the color by 10%, you get $65, 6.688, 219.875$, and if you desaturate by 10%, it is $69, 3.731, 39.156$.

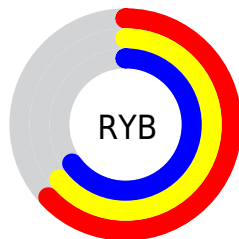
Distribution



Red (63%)

Green (64%)

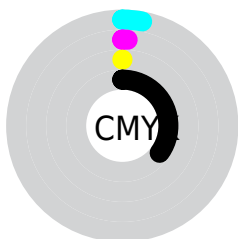
Blue (65%)



Red (63%)

Yellow (64%)

Blue (65%)

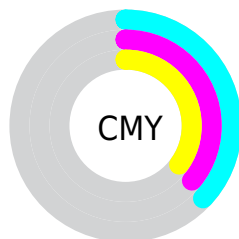


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (37%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 1.595, 219.842 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, 1.595, 219.842 by changing the saturation by 10% instead.

■ 67, 1.595, 219.842

■ 67, 1.595, 219.842

■ 100, 1.595,
219.842

■ 57, 1.595, 219.842

■ 87, 1.595, 219.842

■ 47, 1.595, 219.842

■ 97, 1.595, 219.842

■ 37, 1.595, 219.842

■ 27, 1.595, 219.842

■ 17, 1.595, 219.842

■ 7, 1.595, 219.842

■ 0, 1.595, 219.842

■ 67, 1.595, 219.842

■ 67, 1.595, 219.842

■ 65, 6.688, 219.875

■ 69, 3.731, 39.156

63, 11.481,
220.322

71, 9.236, 39.123

61, 15.901,
220.983

74, 14.870, 39.106

76, 20.595, 39.133

59, 19.871,
221.897

79, 26.379, 39.198

57, 23.317,
223.123

81, 30.760, 40.054

82, 30.177, 43.686

56, 26.176,
224.730

82, 29.723, 47.450

54, 28.411,
226.799

83, 29.406, 51.316

53, 30.027,
229.407

52, 31.086,
232.617

Harmonies

Complementary

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



67, 1.595, 219.842



66, 1.621, 39.063

Rectangle

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



67, 1.595, 219.842



67, 1.595, 269.842



67, 1.595, 39.842



67, 1.595, 89.842

Sweetspot

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



67, 1.595, 219.778



85, 0.656, 220.306



67, 2.957, 149.859



45, 0.372, 220.358



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 1.595, 219.778



85, 2.598, 219.730



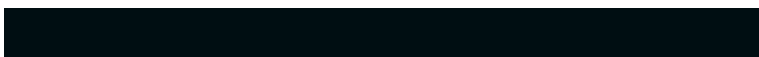
66, 1.978, 272.900



34, 1.470, 219.719



45, 28.844, 234.629



3, 4.534, 225.118

Inverse Universe

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



66, 2.938, 330.602



83, 4.799, 330.688



67, 1.964, 91.972



33, 2.720, 330.730



33, 65.307, 337.896



1, 8.155, 332.240

Previews

White Background



This preview shows how the CIELCh color 67, 1.595, 219.842 looks on a white background.

Color Contrast Check

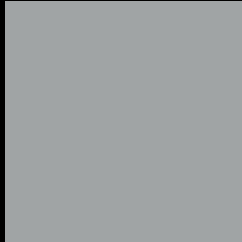
Large Text (above 18pt) WCAG AA × Fail

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, 1.595, 219.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

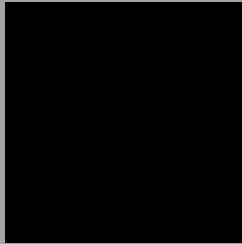
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

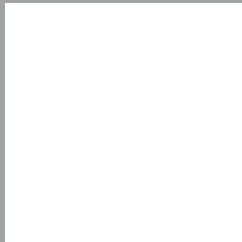
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 1.595, 219.842

Background



This preview shows how black text looks on a background with the CIELCh color 67, 1.595, 219.842.



This preview shows how white text looks on a background with the CIELCh color 67, 1.595, 219.842.

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, 1.595, 219.842

Protanopia

67, 1.602, 335.601

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 7.193, 288.004

Trichromacy



Original Color

67, 1.595, 219.842

Protanomaly

67, 0.560, 290.334

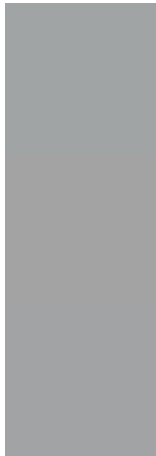
Deuteranomaly

67, 5.364, 341.716

Tritanomaly

67, 4.473, 281.102

Monochromacy



Original Color

67, 1.595, 219.842

Achromatopsia

67, 0.008, 296.813

Achromatomaly

67, 0.671, 256.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 1.595, 219.842 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(160, 164, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 164, 165)  
}
```

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(160, 164, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 164, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 1.595, 219.842 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(160, 164, 165) }
```

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

```
.border{ border-color:rgb(160, 164, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 164, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 164, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 164, 165);  
box-shadow:4px 4px 4px 4px rgb(160, 164,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 1.595, 219.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 164, 165) }
```

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

```
.background{ background-color: rgb(160,  
164, 165) }
```

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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