

Converting Colors

CIELCh(67, 19.781, 91.011)

Have a look what the booklet for
CIELCh(67, 19.781, 91.011) contains.

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Color

CIELCh(67, 19.562, 90.943)

Conversions

Conversions Part 1

Format	Color
Hex	B0A280
RGB	176, 162, 128
RGB Percent	69%, 64%, 50%
CMY	0.3098, 0.3647, 0.4980
CMYK	0.00, 0.08, 0.27, 0.31
HSL	43°, 23%, 60%
HSV	43°, 27%, 69%
XYZ	34.7237, 36.6320, 25.6647
YIQ	162.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

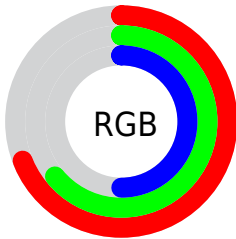
Format	Color
RYB	148, 176, 128
Decimal	11575936
CIELab	67.00, -0.32, 19.56
CIELCh	67, 19.562, 90.943
Yxy	36.6320, 0.3579, 0.3776
Android (android.graphics.Color)	4289766016 (0xFFB0A280)
YUV	162.3100, -16.9148, 12.0061
Hunter-Lab	60.5244, -3.5096, 17.2258

Details

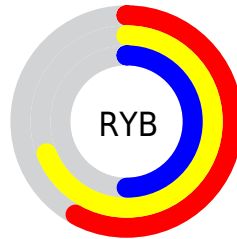
The CIELCh color **67, 19.562, 90.943** is a light color, and the websafe version is hex **999966**. A complement of this color would be **59, 19.702, 278.280**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.622, 91.382**, and **47, 19.557, 91.399** is the 20% darker color. If you saturate the color by 10%, you get **65, 26.902, 89.647**, and if you desaturate by 10%, it is **69, 12.295, 92.211**.

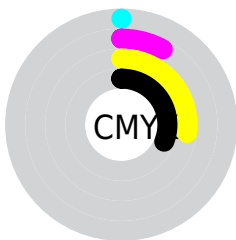
Distribution



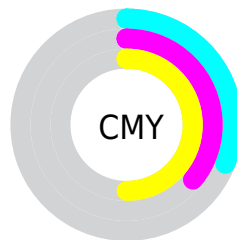
- Red (69%)
- Green (64%)
- Blue (50%)



- Red (58%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (27%)
- Black (31%)



- Cyan (31%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 19.562, 90.943 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, 19.562, 90.943 by changing the saturation by 10% instead.

■ 67, 19.562, 90.943

■ 67, 19.562, 90.943

■ 100, 19.562,
90.943

■ 57, 19.562, 90.943

■ 87, 19.562, 90.943

■ 47, 19.562, 90.943

■ 97, 19.562, 90.943

■ 37, 19.562, 90.943

■ 27, 19.562, 90.943

■ 17, 19.562, 90.943

■ 7, 19.562, 90.943

■ 0, 19.562, 90.943

■ 67, 19.562, 90.943

■ 67, 19.562, 90.943

■ 65, 26.902, 89.647

■ 69, 12.295, 92.211

64, 34.245, 88.308

71, 5.129, 93.417

62, 41.463, 86.929

72, 1.920, 274.739

61, 48.324, 85.492

74, 8.852, 275.796

59, 54.434, 83.954

76, 15.668,
276.873

58, 59.204, 82.232

78, 22.375,
277.905

56, 62.119, 80.216

80, 28.980,
278.887

56, 62.832, 79.665

81, 28.532,
275.294

83, 26.372,
269.761

Harmonies

Complementary

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



67, 19.562, 90.943



59, 19.702, 278.280

Rectangle

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



67, 19.562, 90.943



67, 19.562, 140.943



67, 19.562, 270.943



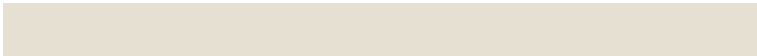
67, 19.562, 320.943

Sweetspot

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



67, 19.563, 90.949



89, 7.009, 93.316



59, 20.756, 358.856



47, 4.983, 93.142



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 19.563, 90.949



84, 29.495, 90.132



70, 26.205, 116.150



37, 4.050, 93.176



49, 56.705, 79.963



6, 8.797, 85.998

Inverse Universe

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



59, 19.702, 278.280



72, 29.781, 279.452



56, 27.807, 300.180



35, 4.066, 275.520



24, 70.114, 298.264



2, 10.494, 278.852

Previews

White Background



This preview shows how the CIELCh color 67, 19.562, 90.943 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 67, 19.562, 90.943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

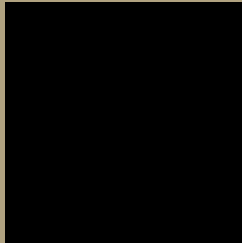
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.562, 90.943

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.562, 90.943.



This preview shows how white text looks on a background with the CIELCh color 67, 19.562, 90.943.

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, 19.562, 90.943

Protanopia

67, 19.728, 94.814

Deuteranopia

67, 20.876, 67.129



Tritanopia
67, 11.950, 343.701

Trichromacy



Original Color
67, 19.562, 90.943

Protanomaly
67, 19.831, 93.643

Deuteranomaly
67, 19.857, 75.335

Tritanomaly
67, 8.564, 34.918

Monochromacy



Original Color
67, 19.562, 90.943

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.882, 92.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.562, 90.943 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(176, 162, 128)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 128)  
}
```

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(176, 162, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.562, 90.943 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(176, 162, 128) }
```

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

```
.border{ border-color:rgb(176, 162, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 128);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.562, 90.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 128) }
```

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

```
.background{ background-color: rgb(176,  
162, 128) }
```

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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