

Converting Colors

CIELCh(67, 23.823, 93.401)

Have a look what the booklet for
CIELCh(67, 23.823, 93.401) contains.

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Color

CIELCh(67, 23.771, 93.393)

Conversions

Conversions Part 1

Format	Color
Hex	B0A278
RGB	176, 162, 120
RGB Percent	69%, 64%, 47%
CMY	0.3081, 0.3631, 0.5279
CMYK	0.00, 0.08, 0.32, 0.31
HSL	45°, 26%, 58%
HSV	45°, 32%, 69%
XYZ	34.4084, 36.6320, 23.1526
YIQ	161.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

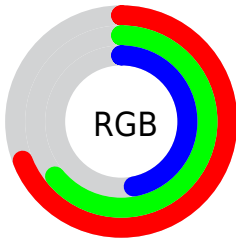
Format	Color
RYB	139, 176, 120
Decimal	11575928
CIELab	67.00, -1.41, 23.73
CIElCh	67, 23.771, 93.393
Yxy	36.6320, 0.3653, 0.3889
Android (android.graphics.Color)	4289766008 (0xFFB0A278)
YUV	161.3980, -20.4092, 12.8060
Hunter-Lab	60.5244, -4.4393, 19.6866

Details

The CIELCh color **67, 23.771, 93.393** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 24.314, 281.881**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 23.629, 93.838**, and **47, 24.016, 93.571** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.331, 92.125**, and if you desaturate by 10%, it is **69, 16.212, 94.639**.

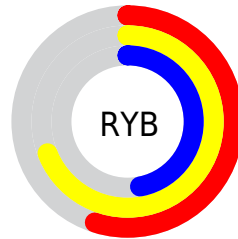
Distribution



Red (69%)

Green (64%)

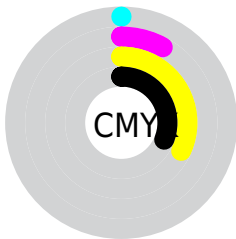
Blue (47%)



Red (55%)

Yellow (69%)

Blue (47%)

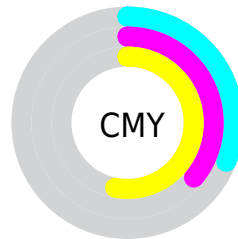


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 23.771, 93.393 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, 23.771, 93.393 by changing the saturation by 10% instead.

■ 67, 23.771, 93.393

■ 67, 23.771, 93.393

■ 100, 23.771,
93.393

■ 57, 23.771, 93.393

■ 87, 23.771, 93.393

■ 47, 23.771, 93.393

■ 97, 23.771, 93.393

■ 37, 23.771, 93.393

■ 27, 23.771, 93.393

■ 17, 23.771, 93.393

■ 7, 23.771, 93.393

■ 0, 23.771, 93.393

■ 67, 23.771, 93.393

■ 67, 23.771, 93.393

■ 66, 31.331, 92.125

■ 69, 16.212, 94.639

64, 38.786, 90.822

70, 8.708, 95.840

63, 45.950, 89.486

72, 1.286, 96.897

61, 52.509, 88.100

73, 6.040, 278.183

60, 57.973, 86.623

75, 13.267,
279.246

59, 61.716, 84.975

77, 20.396,
280.272

58, 63.610, 83.488

79, 27.431,
281.249

80, 31.007,
280.481

81, 28.928,
276.472

Harmonies

Complementary

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



67, 23.771, 93.393



56, 24.314, 281.881

Rectangle

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



67, 23.771, 93.393



67, 23.771, 143.393



67, 23.771, 273.393



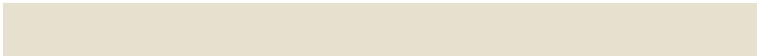
67, 23.771, 323.393

Sweetspot

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



67, 23.772, 93.398



89, 9.162, 96.025



57, 24.094, 1.860



47, 6.250, 95.865



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, 23.772, 93.398



84, 35.294, 92.523



70, 30.625, 117.245



37, 4.227, 96.123



51, 57.321, 83.741



6, 9.241, 90.227

Inverse Universe

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



56, 24.314, 281.881



68, 36.361, 283.225



54, 32.795, 301.732



35, 4.259, 278.394



23, 74.269, 300.154



2, 10.866, 280.817

Previews

White Background



This preview shows how the CIELCh color 67, 23.771, 93.393 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, 23.771, 93.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

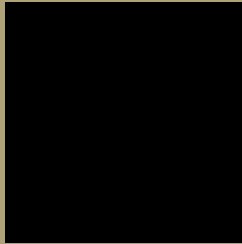
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 23.771, 93.393

Background



This preview shows how black text looks on a background with the CIELCh color 67, 23.771, 93.393.



This preview shows how white text looks on a background with the CIELCh color 67, 23.771, 93.393.

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, 23.771, 93.393

Protanopia

67, 23.541, 95.405

Deuteranopia

67, 24.410, 69.430



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 23.771, 93.393

Protanomaly
67, 23.639, 94.406

Deuteranomaly
67, 23.704, 77.986

Tritanomaly
67, 9.559, 43.753

Monochromacy



Original Color
67, 23.771, 93.393

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.483, 95.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 23.771, 93.393 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 23.771, 93.393 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, 120) }
```

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

```
.border{ border-color:rgb(176, 162, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 23.771, 93.393 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, 120) }
```

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

```
.background{ background-color: rgb(176,  
162, 120) }
```

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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