

Converting Colors

CIELCh(67, 32.584, 95.111)

Have a look what the booklet for
CIELCh(67, 32.584, 95.111) contains.

CIELCh(67, 32.743, 95.368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 32.743, 95.368)

Conversions

Conversions Part 1

Format	Color
Hex	B2A368
RGB	178, 163, 104
RGB Percent	70%, 64%, 41%
CMY	0.3022, 0.3610, 0.5923
CMYK	0.00, 0.08, 0.42, 0.30
HSL	48°, 32%, 55%
HSV	48°, 42%, 70%
XYZ	33.9309, 36.6320, 18.3656
YIQ	160.7590, 27.8790, -15.1690

Conversions

Conversions Part 2

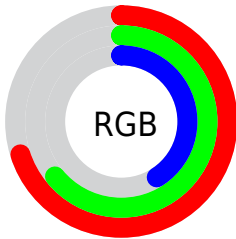
Format	Color
RYB	123, 178, 104
Decimal	11707240
CIELab	67.00, -3.06, 32.60
CIElCh	67, 32.743, 95.368
Yxy	36.6320, 0.3816, 0.4119
Android (android.graphics.Color)	4289897320 (0xFFB2A368)
YUV	160.7590, -27.9822, 15.1204
Hunter-Lab	60.5244, -5.8478, 24.3760

Details

The CIELCh color $67, 32.743, 95.368$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $51, 34.499, 286.639$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 32.825, 95.451$, and $47, 33.176, 95.731$ is the 20% darker color. If you saturate the color by 10%, you get $66, 40.436, 94.142$, and if you desaturate by 10%, it is $68, 24.882, 96.584$.

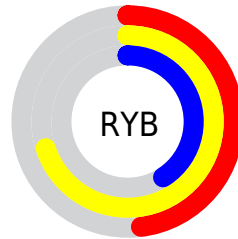
Distribution



Red (70%)

Green (64%)

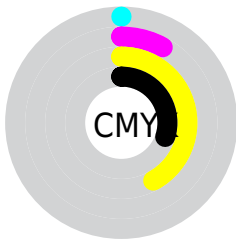
Blue (41%)



Red (48%)

Yellow (70%)

Blue (41%)

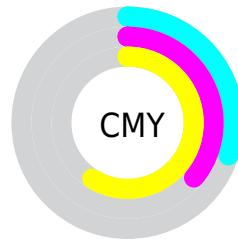


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (30%)



Cyan (30%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 32.743, 95.368 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, 32.743, 95.368 by changing the saturation by 10% instead.

67, 32.743, 95.368

67, 32.743, 95.368

100, 32.743,
95.368

57, 32.743, 95.368

87, 32.743, 95.368

47, 32.743, 95.368

97, 32.743, 95.368

37, 32.743, 95.368

27, 32.743, 95.368

17, 32.743, 95.368

7, 32.743, 95.368

0, 32.743, 95.368

67, 32.743, 95.368

67, 32.743, 95.368

66, 40.436, 94.142

68, 24.882, 96.584

65, 47.756, 92.898

70, 16.969, 97.773

64, 54.370, 91.635

71, 9.071, 98.928

62, 59.785, 90.332

72, 1.226, 99.952

61, 63.406, 88.940

74, 6.547, 281.179

61, 65.173, 87.692

75, 14.241,
282.209

77, 21.851,
283.201

78, 29.378,
284.147

80, 32.081,
283.185

Harmonies

Complementary

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



67, 32.743, 95.368



51, 34.499, 286.639

Rectangle

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



67, 32.743, 95.368



67, 32.743, 145.368



67, 32.743, 275.368



67, 32.743, 325.368

Sweetspot

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



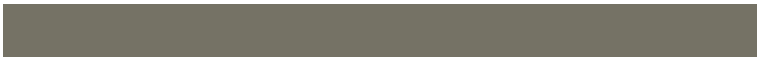
67, 32.744, 95.372



90, 11.666, 98.857



53, 31.838, 7.149



48, 7.805, 98.711



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 32.744, 95.372



84, 48.662, 94.231



69, 40.359, 118.746



37, 4.442, 99.181



53, 58.368, 87.899



7, 9.831, 94.755

Inverse Universe

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



51, 34.499, 286.639



60, 52.266, 288.699



49, 44.112, 304.265



35, 4.491, 281.365



21, 78.685, 301.962



2, 11.305, 282.898

Previews

White Background



This preview shows how the CIELCh color 67, 32.743, 95.368 looks on a white background.

Color Contrast Check

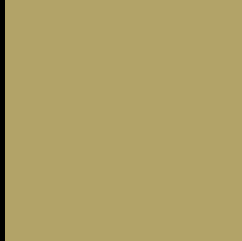
Large Text (above 18pt) WCAG AA × Fail

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, 32.743, 95.368 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, 32.743, 95.368

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.743, 95.368.



This preview shows how white text looks on a background with the CIELCh color 67, 32.743, 95.368.

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, 32.743, 95.368

Protanopia

67, 32.743, 95.368

Deuteranopia

67, 33.344, 75.560



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 32.743, 95.368

Protanomaly
67, 32.743, 95.368

Deuteranomaly
67, 32.471, 83.325

Tritanomaly
67, 12.432, 58.142

Monochromacy



Original Color
67, 32.743, 95.368

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 12.264, 99.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.743, 95.368 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(178, 163, 104)` looks like.

```
.text, #text, p{  
    color:rgb(178, 163, 104)  
}
```

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(178, 163, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 163, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.743, 95.368 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(178, 163, 104) }
```

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

```
.border{ border-color:rgb(178, 163, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 163, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 163, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 163, 104);  
box-shadow:4px 4px 4px 4px rgb(178, 163,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.743, 95.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 163, 104) }
```

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

```
.background{ background-color: rgb(178,  
163, 104) }
```

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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