

Converting Colors

CIELCh(65, 32.067, 77.646)

Have a look what the booklet for
CIELCh(65, 32.067, 77.646) contains.

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Color

CIELCh(65, 32.067, 77.646)

Conversions

Conversions Part 1

Format	Color
Hex	BC9866
RGB	188, 152, 102
RGB Percent	74%, 60%, 40%
CMY	0.2633, 0.4044, 0.6005
CMYK	0.00, 0.19, 0.46, 0.26
HSL	35°, 39%, 57%
HSV	35°, 46%, 74%
XYZ	34.3063, 34.0472, 17.3031
YIQ	157.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

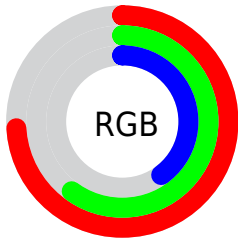
Format	Color
RYB	164, 188, 102
Decimal	12359782
CIELab	65.00, 6.86, 31.32
CIElCh	65, 32.067, 77.646
Yxy	34.0472, 0.4005, 0.3975
Android (android.graphics.Color)	4290549862 (0xFFBC9866)
YUV	157.0640, -27.1466, 27.1309
Hunter-Lab	58.3500, 2.8349, 23.2631

Details

The CIELCh color $65, 32.067, 77.646$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $57, 30.056, 271.985$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 31.926, 77.183$, and $45, 32.039, 77.173$ is the 20% darker color. If you saturate the color by 10%, you get $63, 39.565, 76.230$, and if you desaturate by 10%, it is $67, 24.685, 79.028$.

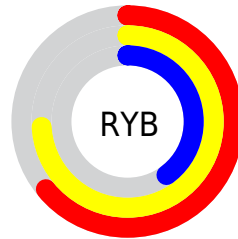
Distribution



Red (74%)

Green (60%)

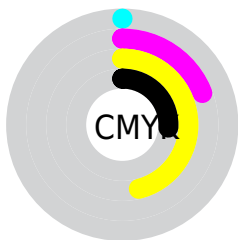
Blue (40%)



Red (64%)

Yellow (74%)

Blue (40%)

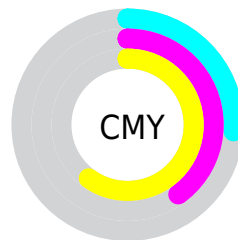


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (26%)



Cyan (26%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 32.067, 77.646 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 65, 32.067, 77.646 by changing the saturation by 10% instead.

■ 65, 32.067, 77.646

■ 65, 32.067, 77.646

■ 100, 32.067,
77.646

■ 55, 32.067, 77.646

■ 85, 32.067, 77.646

■ 45, 32.067, 77.646

■ 95, 32.067, 77.646

■ 35, 32.067, 77.646

■ 25, 32.067, 77.646

■ 15, 32.067, 77.646

■ 5, 32.067, 77.646

■ 0, 32.067, 77.646

■ 65, 32.067, 77.646

■ 65, 32.067, 77.646

■ 63, 39.565, 76.230

■ 67, 24.685, 79.028

61, 47.011, 74.736

70, 17.496, 80.371

58, 54.070, 73.099

72, 10.528, 81.674

56, 60.156, 71.174

75, 3.784, 82.903

54, 64.467, 68.722

77, 2.746, 264.322

54, 66.042, 67.648

80, 9.079, 265.440

82, 15.233,
266.571

85, 21.224,
267.659

87, 19.950,
257.443

Harmonies

Complementary

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



65, 32.067, 77.646



57, 30.056, 271.985

Rectangle

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



65, 32.067, 77.646



65, 32.067, 127.646



65, 32.067, 257.646



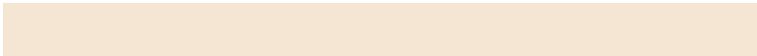
65, 32.067, 307.646

Sweetspot

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



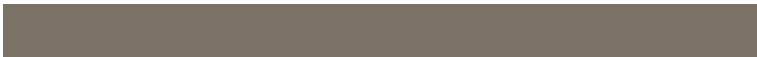
65, 32.067, 77.651



92, 11.560, 81.870



54, 39.262, 352.541



48, 8.007, 81.594



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 32.067, 77.651



80, 48.388, 76.210



74, 45.035, 108.932



39, 3.756, 82.478



46, 58.067, 68.142



6, 10.370, 69.121

Inverse Universe

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



57, 30.056, 271.985



68, 44.845, 274.781



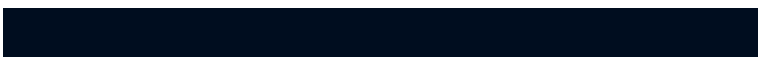
47, 50.800, 298.377



38, 3.718, 264.983



30, 58.377, 290.559



3, 12.501, 274.246

Previews

White Background



This preview shows how the CIELCh color 65, 32.067, 77.646 looks on a white background.

Color Contrast Check

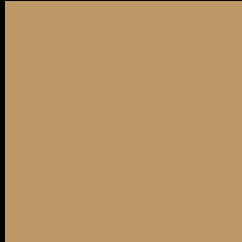
Large Text (above 18pt) WCAG AA × Fail

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 65, 32.067, 77.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

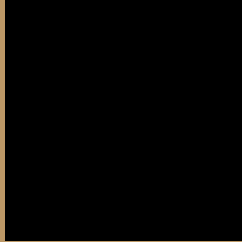
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 32.067, 77.646

Background



This preview shows how black text looks on a background with the CIELCh color 65, 32.067, 77.646.



This preview shows how white text looks on a background with the CIELCh color 65, 32.067, 77.646.

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

65, 32.067, 77.646

Protanopia

65, 30.115, 96.231

Deuteranopia

65, 32.364, 75.243



Tritanopia
65, 19.828, 3.683

Trichromacy



Original Color
65, 32.067, 77.646

Protanomaly
65, 30.573, 89.637

Deuteranomaly
65, 32.113, 75.895

Tritanomaly
65, 19.104, 41.064

Monochromacy



Original Color
65, 32.067, 77.646

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 11.289, 81.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 32.067, 77.646 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(188, 152, 102)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 102)  
}
```

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(188, 152, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 32.067, 77.646 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(188, 152, 102) }
```

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

```
.border{ border-color:rgb(188, 152, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 102);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 32.067, 77.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 102) }
```

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

```
.background{ background-color: rgb(188,  
152, 102) }
```

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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