

Converting Colors

CIELCh(69, 27.448, 94.147)

Have a look what the booklet for
CIELCh(69, 27.448, 94.147) contains.

CIELCh(69, 27.384, 94.065)	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(69, 27.384, 94.065)

Conversions

Conversions Part 1

Format	Color
Hex	B7A877
RGB	183, 168, 119
RGB Percent	72%, 66%, 47%
CMY	0.2828, 0.3416, 0.5338
CMYK	0.00, 0.08, 0.35, 0.28
HSL	46°, 31%, 59%
HSV	46°, 35%, 72%
XYZ	36.8044, 39.3444, 23.0727
YIQ	166.8990, 24.6690, -12.0590

Conversions

Conversions Part 2

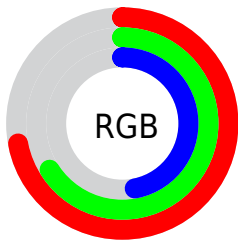
Format	Color
RYB	139, 183, 119
Decimal	12036215
CIELab	69.00, -1.94, 27.32
CIELCh	69, 27.384, 94.065
Yxy	39.3444, 0.3709, 0.3965
Android (android.graphics.Color)	4290226295 (0xFFB7A877)
YUV	166.8990, -23.6142, 14.1206
Hunter-Lab	62.7251, -5.0328, 22.0984

Details

The CIELCh color **69, 27.384, 94.065** is a light color, and the websafe version is hex **999966**. A complement of this color would be **56, 28.253, 283.488**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 27.206, 93.759**, and **49, 27.250, 93.834** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.222, 92.804**, and if you desaturate by 10%, it is **70, 19.499, 95.308**.

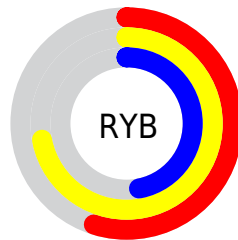
Distribution



Red (72%)

Green (66%)

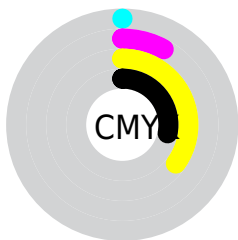
Blue (47%)



Red (55%)

Yellow (72%)

Blue (47%)

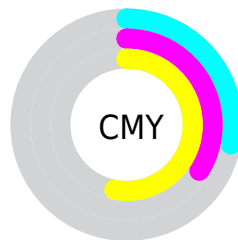


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.384, 94.065 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 69, 27.384, 94.065 by changing the saturation by 10% instead.

69, 27.384, 94.065

69, 27.384, 94.065

100, 27.384,
94.065

59, 27.384, 94.065

89, 27.384, 94.065

49, 27.384, 94.065

99, 27.384, 94.065

39, 27.384, 94.065

29, 27.384, 94.065

19, 27.384, 94.065

9, 27.384, 94.065

0, 27.384, 94.065

69, 27.384, 94.065

69, 27.384, 94.065

68, 35.222, 92.804

70, 19.499, 95.308

66, 42.874, 91.512

72, 11.640, 96.511

65, 50.102, 90.191

74, 3.848, 97.654

64, 56.519, 88.820

75, 3.859, 278.870

62, 61.556, 87.355

77, 11.471,
279.926

61, 64.593, 85.713

79, 18.987,
280.957

61, 65.662, 84.854

80, 26.409,
281.942

82, 28.492,
280.237

83, 26.499,
275.993

Harmonies

Complementary

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



69, 27.384, 94.065



56, 28.253, 283.488

Rectangle

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



69, 27.384, 94.065



69, 27.384, 144.065



69, 27.384, 274.065



69, 27.384, 324.065

Sweetspot

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



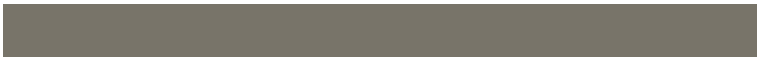
69, 27.385, 94.070



92, 9.564, 97.074



57, 27.336, 3.577



49, 6.584, 96.912



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 27.385, 94.070



86, 40.624, 93.096



72, 34.743, 117.734



38, 4.398, 97.169



52, 58.325, 85.114



7, 10.844, 91.008

Inverse Universe

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



56, 28.253, 283.488



67, 42.356, 285.063



54, 37.468, 302.593



36, 4.437, 279.420



23, 76.806, 300.836



2, 12.805, 282.193

Previews

White Background



This preview shows how the CIELCh color 69, 27.384, 94.065 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 69, 27.384, 94.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

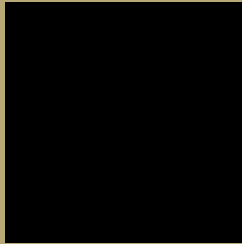
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.384, 94.065

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.384, 94.065.



This preview shows how white text looks on a background with the CIELCh color 69, 27.384, 94.065.

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


69, 27.384, 94.065

Protanopia

69, 27.284, 94.931

Deuteranopia

69, 28.222, 71.715



Tritanopia
69, 12.540, 349.003

Trichromacy



Original Color
69, 27.384, 94.065

Protanomaly
69, 27.284, 94.931

Deuteranomaly
69, 27.356, 79.909

Tritanomaly
69, 10.973, 53.122

Monochromacy



Original Color
69, 27.384, 94.065

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.593, 94.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.384, 94.065 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(183, 168, 119)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 119)  
}
```

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(183, 168, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.384, 94.065 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(183, 168, 119) }
```

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

```
.border{ border-color:rgb(183, 168, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 119);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.384, 94.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 119) }
```

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

```
.background{ background-color: rgb(183,  
168, 119) }
```

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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