

Converting Colors

CIELCh(69, 13.304, 67.354)

Have a look what the booklet for
CIELCh(69, 13.304, 67.354) contains.

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Color

CIELCh(69, 13.286, 67.366)

Conversions

Conversions Part 1

Format	Color
Hex	BBA593
RGB	187, 165, 147
RGB Percent	73%, 65%, 58%
CMY	0.2685, 0.3547, 0.4253
CMYK	0.00, 0.12, 0.21, 0.27
HSL	27°, 23%, 65%
HSV	27°, 21%, 73%
XYZ	38.9832, 39.3444, 32.9603
YIQ	169.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

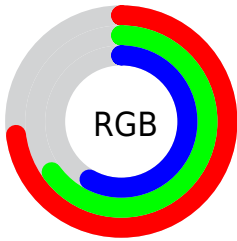
Format	Color
R_{YB}	187, 180, 147
Decimal	12297619
CIE _{Lab}	69.00, 5.11, 12.26
CIE _{LCh}	69, 13.286, 67.366
Yxy	39.3444, 0.3503, 0.3535
Android (android.graphics.Color)	4290487699 (0xFFBBA593)
YUV	169.5260, -11.1053, 15.3247
Hunter-Lab	62.7251, 1.1676, 12.7523

Details

The CIELCh color $69, 13.286, 67.366$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 12.334, 252.778$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 13.414, 66.842$, and $49, 13.336, 67.762$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.038, 66.254$, and if you desaturate by 10%, it is $72, 6.894, 68.486$.

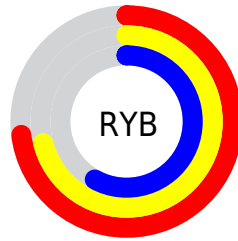
Distribution



Red (73%)

Green (65%)

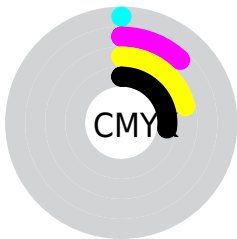
Blue (58%)



Red (73%)

Yellow (71%)

Blue (58%)

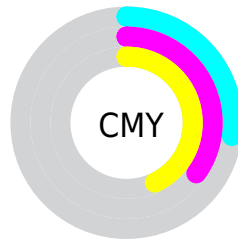


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 13.286, 67.366 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, 13.286, 67.366 by changing the saturation by 10% instead.

■ 69, 13.286, 67.366

■ 69, 13.286, 67.366

■ 100, 13.286,
67.366

■ 59, 13.286, 67.366

■ 89, 13.286, 67.366

■ 49, 13.286, 67.366

■ 99, 13.286, 67.366

■ 39, 13.286, 67.366

■ 29, 13.286, 67.366

■ 19, 13.286, 67.366

■ 9, 13.286, 67.366

■ 0, 13.286, 67.366

■ 69, 13.286, 67.366

■ 69, 13.286, 67.366

■ 66, 20.038, 66.254

■ 72, 6.894, 68.486

63, 27.165, 65.137

75, 0.835, 69.210

60, 34.653, 64.031

78, 4.923, 250.865

57, 42.431, 62.919

82, 10.413,
251.916

55, 50.316, 61.749

85, 15.666,
252.966

52, 57.904, 60.389

50, 64.434, 58.563

88, 19.373,
250.369

48, 68.950, 56.644

91, 18.438,
230.386

93, 19.717,
211.017

96, 22.115,
198.055

Harmonies

Complementary

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



69, 13.286, 67.366



68, 12.334, 252.778

Rectangle

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



69, 13.286, 67.366



69, 13.286, 117.366



69, 13.286, 247.366



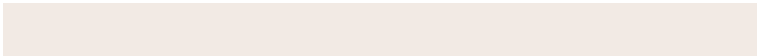
69, 13.286, 297.366

Sweetspot

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



69, 13.286, 67.376



93, 4.409, 69.039



65, 19.508, 342.820



50, 2.954, 68.976



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 13.286, 67.376



86, 20.212, 66.816



74, 20.373, 105.959



38, 3.431, 68.708



41, 60.809, 57.158



5, 10.031, 54.175

Inverse Universe

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



68, 12.334, 252.778



84, 18.399, 253.630



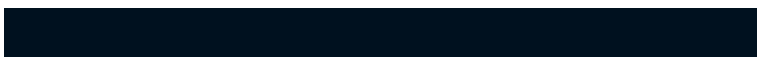
63, 21.294, 290.610



38, 3.333, 251.039



37, 45.167, 278.098



4, 10.990, 263.982

Previews

White Background



This preview shows how the CIELCh color 69, 13.286, 67.366 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, 13.286, 67.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

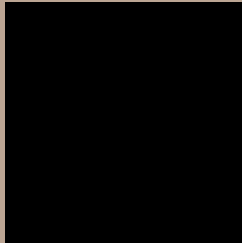
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

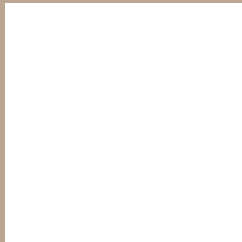
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 13.286, 67.366

Background



This preview shows how black text looks on a background with the CIELCh color 69, 13.286, 67.366.



This preview shows how white text looks on a background with the CIELCh color 69, 13.286, 67.366.

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, 13.286, 67.366

Protanopia

69, 11.378, 92.815

Deuteranopia

69, 15.068, 53.045



Tritanopia
69, 12.869, 349.950

Trichromacy



Original Color
69, 13.286, 67.366

Protanomaly
69, 12.114, 83.625

Deuteranomaly
69, 14.372, 57.405

Tritanomaly
69, 10.529, 17.356

Monochromacy



Original Color
69, 13.286, 67.366

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.493, 66.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 13.286, 67.366 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(187, 165, 147)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 147)  
}
```

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(187, 165, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 13.286, 67.366 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(187, 165, 147) }
```

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

```
.border{ border-color:rgb(187, 165, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 147);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 13.286, 67.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 147) }
```

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

```
.background{ background-color: rgb(187,  
165, 147) }
```

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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