

Converting Colors

CIELCh(69, 25.632, 87.492)

Have a look what the booklet for
CIELCh(69, 25.632, 87.492) contains.

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Color

CIELCh(69, 25.632, 87.492)

Conversions

Conversions Part 1

Format	Color
Hex	BBA67A
RGB	187, 166, 122
RGB Percent	73%, 65%, 48%
CMY	0.2659, 0.3482, 0.5208
CMYK	0.00, 0.11, 0.35, 0.27
HSL	41°, 32%, 61%
HSV	41°, 35%, 73%
XYZ	37.7402, 39.3444, 24.0783
YIQ	167.2630, 26.6400, -9.2320

Conversions

Conversions Part 2

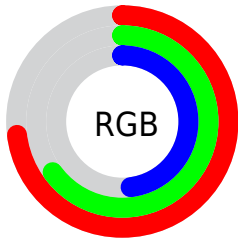
Format	Color
RYB	153, 187, 122
Decimal	12297850
CIELab	69.00, 1.12, 25.61
CIELCh	69, 25.632, 87.492
Yxy	39.3444, 0.3731, 0.3889
Android (android.graphics.Color)	4290487930 (0xFFBBA67A)
YUV	167.2630, -22.3147, 17.3093
Hunter-Lab	62.7251, -2.3699, 21.1479

Details

The CIELCh color $69, 25.632, 87.492$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $59, 25.565, 277.432$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 25.524, 87.463$, and $49, 25.472, 86.769$ is the 20% darker color. If you saturate the color by 10%, you get $67, 33.240, 86.134$, and if you desaturate by 10%, it is $71, 18.092, 88.821$.

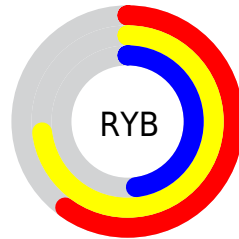
Distribution



Red (73%)

Green (65%)

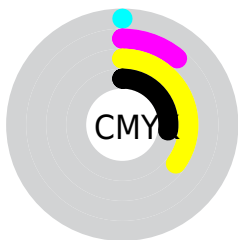
Blue (48%)



Red (60%)

Yellow (73%)

Blue (48%)

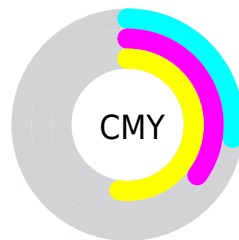


Cyan (0%)

Magenta (11%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 25.632, 87.492 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, 25.632, 87.492 by changing the saturation by 10% instead.

■ 69, 25.632, 87.492

■ 69, 25.632, 87.492

■ 100, 25.632,
87.492

■ 59, 25.632, 87.492

■ 89, 25.632, 87.492

■ 49, 25.632, 87.492

■ 99, 25.632, 87.492

■ 39, 25.632, 87.492

■ 29, 25.632, 87.492

■ 19, 25.632, 87.492

■ 9, 25.632, 87.492

■ 0, 25.632, 87.492

■ 69, 25.632, 87.492

■ 69, 25.632, 87.492

■ 67, 33.240, 86.134

■ 71, 18.092, 88.821

65, 40.809, 84.727

73, 10.669, 90.099

63, 48.137, 83.258

75, 3.386, 91.299

62, 54.865, 81.683

77, 3.753, 272.623

60, 60.415, 79.912

79, 10.751,
273.734

59, 64.057, 77.786

81, 17.616,
274.824

58, 65.475, 76.585

83, 24.357,
275.867

85, 22.707,
269.227

87, 20.625,
260.287

Harmonies

Complementary

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



69, 25.632, 87.492



59, 25.565, 277.432

Rectangle

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



69, 25.632, 87.492



69, 25.632, 137.492



69, 25.632, 267.492



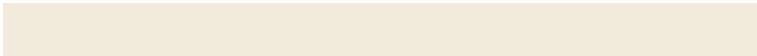
69, 25.632, 317.492

Sweetspot

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



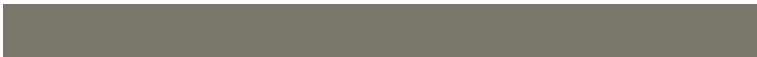
69, 25.633, 87.497



93, 8.887, 90.664



59, 28.420, 357.583



50, 6.122, 90.491



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, 25.633, 87.497



85, 38.436, 86.418



74, 34.773, 114.210



39, 4.108, 90.762



49, 57.805, 76.971



7, 11.162, 80.454

Inverse Universe

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



59, 25.565, 277.432



71, 38.395, 279.156



55, 37.707, 299.869



37, 4.111, 273.174



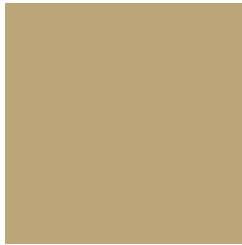
26, 68.683, 296.729



3, 13.576, 279.268

Previews

White Background



This preview shows how the CIELCh color 69, 25.632, 87.492 looks on a white background.

Color Contrast Check

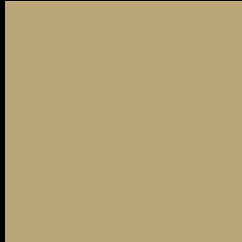
Large Text (above 18pt) WCAG AA × Fail

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, 25.632, 87.492 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, 25.632, 87.492

Background



This preview shows how black text looks on a background with the CIELCh color 69, 25.632, 87.492.



This preview shows how white text looks on a background with the CIELCh color 69, 25.632, 87.492.

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, 25.632, 87.492

Protanopia

69, 25.089, 95.122

Deuteranopia

69, 26.588, 70.678



Tritanopia
69, 14.233, 353.330

Trichromacy



Original Color
69, 25.632, 87.492

Protanomaly
69, 24.915, 92.072

Deuteranomaly
69, 25.909, 76.390

Tritanomaly
69, 12.375, 40.908

Monochromacy



Original Color
69, 25.632, 87.492

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.173, 91.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 25.632, 87.492 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, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 122)  
}
```

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, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 25.632, 87.492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

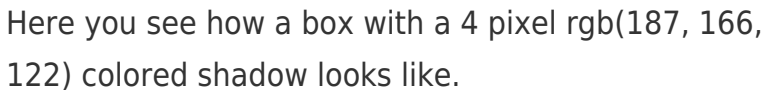
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 166, 122) }
```

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

```
.border{ border-color:rgb(187, 166, 122) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 166, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 166, 122); box-shadow:4px 4px 4px 4px rgb(187, 166, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 25.632, 87.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 122) }
```

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

```
.background{ background-color: rgb(187,  
166, 122) }
```

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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