

Converting Colors

CIELCh(69, 26.382, 79.007)

Have a look what the booklet for
CIELCh(69, 26.382, 79.007) contains.

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Color

CIELCh(69, 26.382, 79.007)

Conversions

Conversions Part 1

Format	Color
Hex	C2A47A
RGB	194, 164, 122
RGB Percent	76%, 64%, 48%
CMY	0.2399, 0.3575, 0.5221
CMYK	0.00, 0.15, 0.37, 0.24
HSL	35°, 37%, 62%
HSV	35°, 37%, 76%
XYZ	38.9574, 39.3444, 23.9053
YIQ	168.1820, 31.3620, -6.7020

Conversions

Conversions Part 2

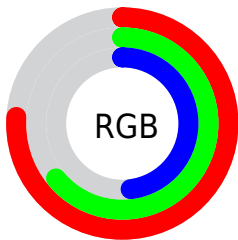
Format	Color
RYB	173, 194, 122
Decimal	12756090
CIELab	69.00, 5.03, 25.90
CIELCh	69, 26.382, 79.007
Yxy	39.3444, 0.3812, 0.3849
Android (android.graphics.Color)	4290946170 (0xFFC2A47A)
YUV	168.1820, -22.7677, 22.6424
Hunter-Lab	62.7251, 1.0940, 21.3115

Details

The CIELCh color **69, 26.382, 79.007** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 25.053, 270.127**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 26.388, 78.708**, and **49, 26.176, 78.442** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.982, 77.625**, and if you desaturate by 10%, it is **71, 18.971, 80.364**.

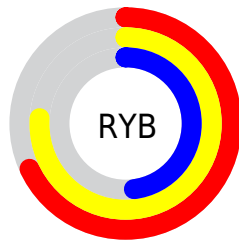
Distribution



Red (76%)

Green (64%)

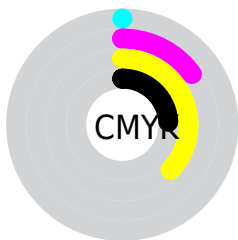
Blue (48%)



Red (68%)

Yellow (76%)

Blue (48%)

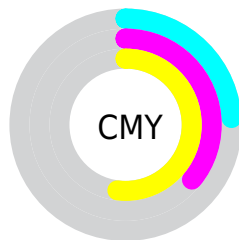


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 26.382, 79.007 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, 26.382, 79.007 by changing the saturation by 10% instead.

■ 69, 26.382, 79.007

■ 69, 26.382, 79.007

■ 100, 26.382,
79.007

■ 59, 26.382, 79.007

■ 89, 26.382, 79.007

■ 49, 26.382, 79.007

■ 99, 26.382, 79.007

■ 39, 26.382, 79.007

■ 29, 26.382, 79.007

■ 19, 26.382, 79.007

■ 9, 26.382, 79.007

■ 0, 26.382, 79.007

■ 69, 26.382, 79.007

■ 69, 26.382, 79.007

■ 67, 33.982, 77.625

■ 71, 18.971, 80.364

64, 41.678, 76.191

74, 11.783, 81.677

62, 49.278, 74.677

77, 4.823, 82.927

60, 56.403, 73.003

79, 1.917, 264.388

58, 62.401, 71.009

82, 8.452, 265.469

56, 66.513, 68.472

84, 14.802,
266.606

55, 67.585, 67.744

87, 19.803,
265.910

89, 17.525,
251.339

91, 16.607,
234.082

Harmonies

Complementary

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



69, 26.382, 79.007



62, 25.053, 270.127

Rectangle

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



69, 26.382, 79.007



69, 26.382, 129.007



69, 26.382, 259.007



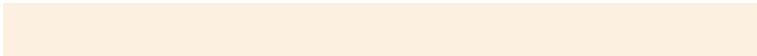
69, 26.382, 309.007

Sweetspot

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



69, 26.382, 79.013



96, 9.280, 82.434



60, 32.482, 352.365



51, 6.301, 82.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 26.382, 79.013



85, 40.126, 77.825



76, 37.903, 110.367



40, 3.846, 82.658



46, 58.739, 68.269



7, 11.792, 68.183

Inverse Universe

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



62, 25.053, 270.127



75, 37.662, 272.177



54, 41.565, 297.552



39, 3.809, 265.170



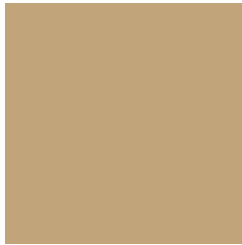
31, 59.360, 290.762



4, 13.973, 275.428

Previews

White Background



This preview shows how the CIELCh color 69, 26.382, 79.007 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, 26.382, 79.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

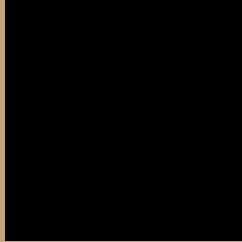
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 26.382, 79.007

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.382, 79.007.



This preview shows how white text looks on a background with the CIELCh color 69, 26.382, 79.007.

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, 26.382, 79.007

Protanopia

69, 24.563, 94.928

Deuteranopia

69, 27.315, 70.574



Tritanopia
69, 17.093, 358.559

Trichromacy



Original Color
69, 26.382, 79.007

Protanomaly
69, 24.967, 88.063

Deuteranomaly
69, 26.934, 73.315

Tritanomaly
69, 15.532, 36.873

Monochromacy



Original Color
69, 26.382, 79.007

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.291, 81.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.382, 79.007 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(194, 164, 122)` looks like.

```
.text, #text, p{  
    color:rgb(194, 164, 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(194, 164, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 164, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.382, 79.007 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(194, 164, 122) }
```

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

```
.border{ border-color:rgb(194, 164, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 164, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 164, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 164, 122);  
box-shadow:4px 4px 4px 4px rgb(194, 164,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.382, 79.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 164, 122) }
```

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

```
.background{ background-color: rgb(194,  
164, 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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