

Converting Colors

CIELCh(68, 26.047, 77.397)

Have a look what the booklet for
CIELCh(68, 26.047, 77.397) contains.

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Color

CIELCh(68, 26.222, 77.649)

Conversions

Conversions Part 1

Format	Color
Hex	C0A178
RGB	192, 161, 120
RGB Percent	75%, 63%, 47%
CMY	0.2477, 0.3692, 0.5300
CMYK	0.00, 0.16, 0.38, 0.25
HSL	34°, 36%, 61%
HSV	34°, 38%, 75%
XYZ	37.7947, 37.9720, 23.0587
YIQ	165.5950, 31.6370, -6.1790

Conversions

Conversions Part 2

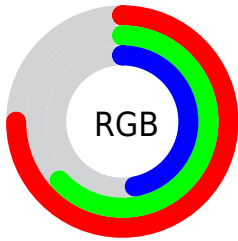
Format	Color
RYB	174, 192, 120
Decimal	12624248
CIELab	68.00, 5.61, 25.62
CIElCh	68, 26.222, 77.649
Yxy	37.9720, 0.3824, 0.3842
Android (android.graphics.Color)	4290814328 (0xFFC0A178)
YUV	165.5950, -22.4783, 23.1572
Hunter-Lab	61.6215, 1.6430, 20.9487

Details

The CIELCh color **68, 26.222, 77.649** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **62, 24.680, 268.895**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 26.005, 78.175**, and **48, 26.266, 78.355** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.745, 76.278**, and if you desaturate by 10%, it is **71, 18.905, 78.998**.

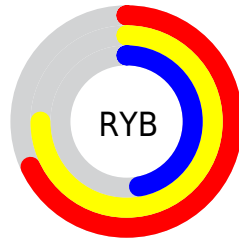
Distribution



Red (75%)

Green (63%)

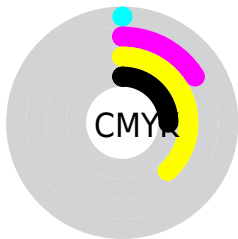
Blue (47%)



Red (68%)

Yellow (75%)

Blue (47%)

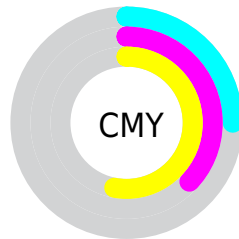


Cyan (0%)

Magenta (16%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (37%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 26.222, 77.649 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 68, 26.222, 77.649 by changing the saturation by 10% instead.

■ 68, 26.222, 77.649

■ 68, 26.222, 77.649

■ 100, 26.222,
77.649

■ 58, 26.222, 77.649

■ 88, 26.222, 77.649

■ 48, 26.222, 77.649

■ 98, 26.222, 77.649

■ 38, 26.222, 77.649

■ 28, 26.222, 77.649

■ 18, 26.222, 77.649

■ 8, 26.222, 77.649

■ 0, 26.222, 77.649

■ 68, 26.222, 77.649

■ 68, 26.222, 77.649

■ 66, 33.745, 76.278

■ 71, 18.905, 78.998

63, 41.385, 74.856

73, 11.826, 80.306

61, 48.954, 73.353

76, 4.986, 81.554

59, 56.076, 71.686

78, 1.624, 263.047

57, 62.099, 69.685

81, 8.022, 264.099

55, 66.294, 67.130

84, 14.227,
265.237

54, 67.270, 66.508

86, 20.259,
266.337

89, 18.222,
252.766

91, 17.136,
235.787

Harmonies

Complementary

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



68, 26.222, 77.649



62, 24.680, 268.895

Rectangle

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



68, 26.222, 77.649



68, 26.222, 127.649



68, 26.222, 257.649



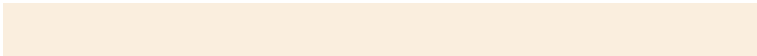
68, 26.222, 307.649

Sweetspot

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



68, 26.222, 77.655



95, 9.097, 81.110



59, 32.818, 351.351



50, 6.126, 80.939



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 26.222, 77.655



84, 39.499, 76.528



76, 37.931, 109.593



40, 3.801, 81.331



46, 58.908, 67.017



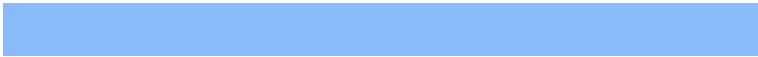
7, 11.715, 66.467

Inverse Universe

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



62, 24.680, 268.895



74, 36.682, 270.867



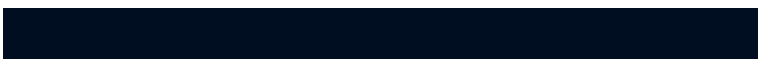
54, 41.664, 297.091



39, 3.757, 263.846



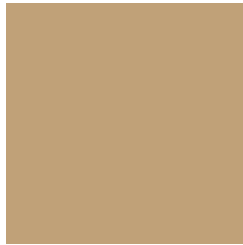
31, 57.858, 289.697



4, 13.782, 274.548

Previews

White Background



This preview shows how the CIELCh color 68, 26.222, 77.649 looks on a white background.

Color Contrast Check

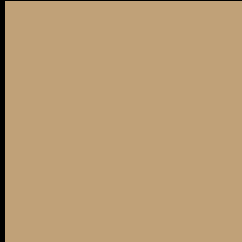
Large Text (above 18pt) WCAG AA × Fail

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 68, 26.222, 77.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

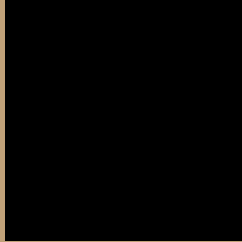
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.222, 77.649

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.222, 77.649.



This preview shows how white text looks on a background with the CIELCh color 68, 26.222, 77.649.

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

68, 26.222, 77.649

Protanopia

68, 24.522, 95.848

Deuteranopia

68, 27.115, 71.229



Tritanopia
68, 17.514, 359.136

Trichromacy



Original Color
68, 26.222, 77.649

Protanomaly
68, 24.876, 88.935

Deuteranomaly
68, 26.749, 74.008

Tritanomaly
68, 15.813, 34.651

Monochromacy



Original Color
68, 26.222, 77.649

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.042, 77.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.222, 77.649 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(192, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(192, 161, 120)  
}
```

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(192, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 161, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.222, 77.649 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(192, 161, 120) }
```

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

```
.border{ border-color:rgb(192, 161, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 161, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 161, 120);  
box-shadow:4px 4px 4px 4px rgb(192, 161,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.222, 77.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 161, 120) }
```

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

```
.background{ background-color: rgb(192,  
161, 120) }
```

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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