

Converting Colors

CIELCh(69, 45.193, 68.160)

Have a look what the booklet for
CIELCh(69, 45.193, 68.160) contains.

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Color

CIELCh(69, 45.253, 68.128)

Conversions

Conversions Part 1

Format	Color
Hex	DA9B5C
RGB	218, 155, 92
RGB Percent	85%, 61%, 36%
CMY	0.1432, 0.3905, 0.6376
CMYK	0.00, 0.29, 0.58, 0.14
HSL	30°, 63%, 61%
HSV	30°, 58%, 86%
XYZ	42.7989, 39.3444, 15.5567
YIQ	166.6550, 57.7710, -6.2370

Conversions

Conversions Part 2

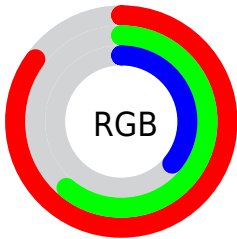
Format	Color
R _Y B	218, 218, 92
Decimal	14326620
CIE Lab	69.00, 16.86, 42.00
CIE LCh	69, 45.253, 68.128
Yxy	39.3444, 0.4381, 0.4027
Android (android.graphics.Color)	4292516700 (0xFFDA9B5C)
YUV	166.6550, -36.8049, 45.0296
Hunter-Lab	62.7251, 12.0261, 29.2028

Details

The CIELCh color **69, 45.253, 68.128** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **62, 38.242, 267.266**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 39.307, 79.062**, and **49, 45.445, 68.188** is the 20% darker color. If you saturate the color by 10%, you get **66, 53.950, 66.770**, and if you desaturate by 10%, it is **72, 36.641, 69.430**.

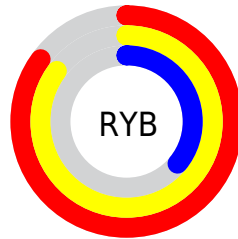
Distribution



Red (85%)

Green (61%)

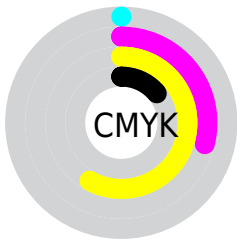
Blue (36%)



Red (85%)

Yellow (85%)

Blue (36%)

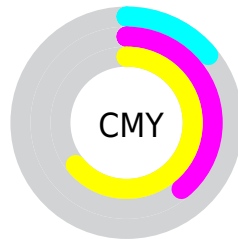


Cyan (0%)

Magenta (29%)

Yellow (58%)

Black (14%)



Cyan (14%)

Magenta (39%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 45.253, 68.128 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, 45.253, 68.128 by changing the saturation by 10% instead.

 69, 45.253, 68.128

 69, 45.253, 68.128

 100, 45.253,
68.128

 59, 45.253, 68.128

 89, 45.253, 68.128

 49, 45.253, 68.128

 99, 45.253, 68.128

 39, 45.253, 68.128

 29, 45.253, 68.128

 19, 45.253, 68.128

 9, 45.253, 68.128

 0, 45.253, 68.128

 69, 45.253, 68.128

 69, 45.253, 68.128

 66, 53.950, 66.770

 72, 36.641, 69.430

63, 62.333, 65.240

75, 28.301, 70.704

61, 69.646, 63.330

78, 20.306, 71.964

59, 74.919, 60.731

81, 12.671, 73.208

58, 76.027, 60.136

85, 5.385, 74.403

88, 1.580, 255.938

91, 8.252, 256.918

94, 10.180,
237.077

97, 11.879,
201.780

Harmonies

Complementary

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



69, 45.253, 68.128



62, 38.242, 267.266

Rectangle

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



69, 45.253, 68.128



69, 45.253, 118.128



69, 45.253, 248.128



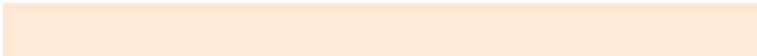
69, 45.253, 298.128

Sweetspot

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



69, 45.252, 68.132



94, 13.775, 73.276



57, 57.076, 349.226



49, 9.258, 73.027



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, 45.252, 68.132



76, 62.463, 66.497



85, 61.749, 104.010



44, 3.996, 74.204



47, 63.781, 60.776



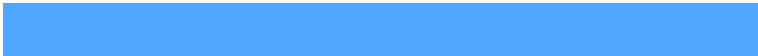
10, 18.352, 59.780

Inverse Universe

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



62, 38.242, 267.266



67, 51.321, 271.444



46, 72.885, 298.572



44, 3.910, 256.700



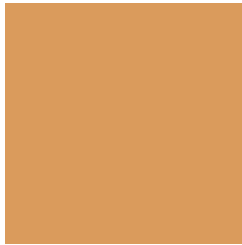
37, 53.830, 283.836



7, 18.116, 273.789

Previews

White Background



This preview shows how the CIELCh color 69, 45.253, 68.128 looks on a white background.

Color Contrast Check

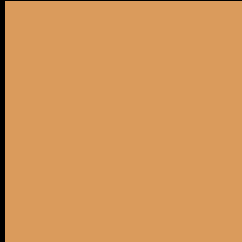
Large Text (above 18pt) WCAG AA × Fail

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, 45.253, 68.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

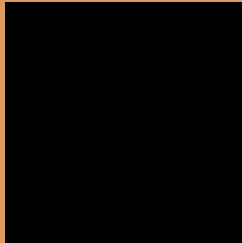
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 45.253, 68.128

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.253, 68.128.



This preview shows how white text looks on a background with the CIELCh color 69, 45.253, 68.128.

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





Tritanopia
69, 30.681, 11.404

Trichromacy



Original Color
69, 45.253, 68.128

Protanomaly
69, 40.211, 85.084

Deuteranomaly
69, 43.692, 74.361

Tritanomaly
69, 31.345, 37.912

Monochromacy



Original Color
69, 45.253, 68.128

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 15.782, 72.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 45.253, 68.128 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(218, 155, 92)` looks like.

```
.text, #text, p{  
    color:rgb(218, 155, 92)  
}
```

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(218, 155, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 155, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.253, 68.128 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(218, 155, 92) }
```

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

```
.border{ border-color:rgb(218, 155, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 155, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 155, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 155, 92);  
box-shadow:4px 4px 4px 4px rgb(218, 155,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.253, 68.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 155, 92) }
```

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

```
.background{ background-color: rgb(218,  
155, 92) }
```

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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