

Converting Colors

CIELCh(69, 45.614, 68.183)

Have a look what the booklet for
CIELCh(69, 45.614, 68.183) contains.

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Color

CIELCh(69, 45.559, 67.718)

Conversions

Conversions Part 1

Format	Color
Hex	DB9B5C
RGB	219, 155, 92
RGB Percent	86%, 61%, 36%
CMY	0.1406, 0.3916, 0.6387
CMYK	0.00, 0.29, 0.58, 0.14
HSL	30°, 64%, 61%
HSV	30°, 58%, 86%
XYZ	42.9385, 39.3444, 15.4848
YIQ	166.9540, 58.3670, -6.0250

Conversions

Conversions Part 2

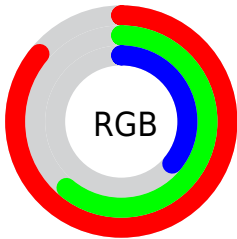
Format	Color
R_{YB}	219, 217, 92
Decimal	14392156
CIE Lab	69.00, 17.27, 42.16
CIE LCh	69, 45.559, 67.718
Yxy	39.3444, 0.4392, 0.4024
Android (android.graphics.Color)	4292582236 (0xFFDB9B5C)
YUV	166.9540, -36.9523, 45.6443
Hunter-Lab	62.7251, 12.4232, 29.2708

Details

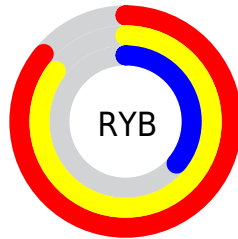
The CIELCh color **69, 45.559, 67.718** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **63, 38.296, 266.920**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 39.307, 79.062**, and **49, 45.772, 67.749** is the 20% darker color. If you saturate the color by 10%, you get **66, 54.296, 66.370**, and if you desaturate by 10%, it is **72, 36.910, 69.010**.

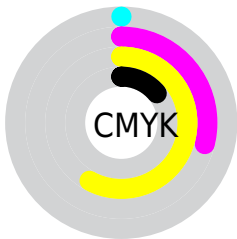
Distribution



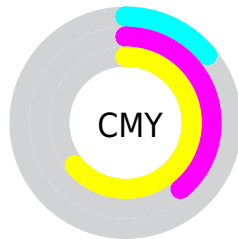
- Red (86%)
- Green (61%)
- Blue (36%)



- Red (86%)
- 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, 45.559, 67.718 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, 45.559, 67.718 by changing the saturation by 10% instead.

69, 45.559, 67.718

69, 45.559, 67.718

100, 45.559,
67.718

59, 45.559, 67.718

89, 45.559, 67.718

49, 45.559, 67.718

99, 45.559, 67.718

39, 45.559, 67.718

29, 45.559, 67.718

19, 45.559, 67.718

9, 45.559, 67.718

0, 45.559, 67.718

69, 45.559, 67.718

69, 45.559, 67.718

66, 54.296, 66.370

72, 36.910, 69.010

63, 62.714, 64.848

75, 28.539, 70.274

61, 70.046, 62.937

78, 20.520, 71.527

58, 75.334, 60.335

81, 12.867, 72.765

58, 76.332, 59.811

85, 5.568, 73.957

88, 1.404, 255.521

92, 8.079, 256.465

95, 9.985, 235.505

97, 11.916,
199.871

Harmonies

Complementary

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



69, 45.559, 67.718



63, 38.296, 266.920

Rectangle

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



69, 45.559, 67.718



69, 45.559, 117.718



69, 45.559, 247.718



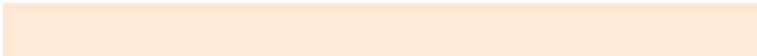
69, 45.559, 297.718

Sweetspot

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



69, 45.558, 67.722



94, 13.744, 72.865



57, 57.432, 349.271



49, 9.238, 72.616



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, 45.558, 67.722



75, 63.426, 65.992



85, 62.139, 103.988



44, 3.987, 73.788



46, 63.881, 60.460



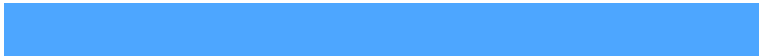
10, 18.351, 59.332

Inverse Universe

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



63, 38.296, 266.920



67, 51.711, 271.404



46, 73.428, 298.631



44, 3.898, 256.277



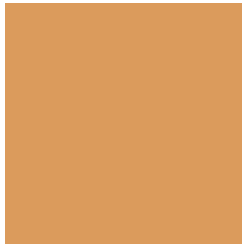
38, 53.416, 283.452



7, 18.007, 273.397

Previews

White Background



This preview shows how the CIELCh color 69, 45.559, 67.718 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 CIE LCh color 69, 45.559, 67.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

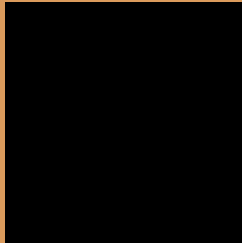
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 45.559, 67.718

Background



This preview shows how black text looks on a background with the CIELCh color 69, 45.559, 67.718.



This preview shows how white text looks on a background with the CIELCh color 69, 45.559, 67.718.

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](#).

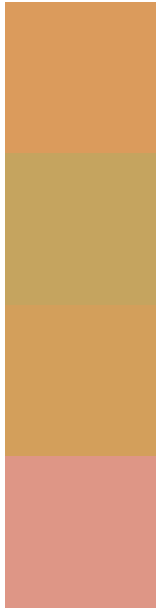
Dichromacy





Tritanopia
69, 31.114, 11.618

Trichromacy



Original Color
69, 45.559, 67.718

Protanomaly
69, 40.211, 85.084

Deuteranomaly
69, 44.146, 74.632

Tritanomaly
69, 31.807, 37.738

Monochromacy



Original Color
69, 45.559, 67.718

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, 45.559, 67.718 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(219, 155, 92)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 155, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 155, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 45.559, 67.718 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(219, 155, 92) }
```

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

```
.border{ border-color:rgb(219, 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(219, 155, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 155, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 155, 92);  
box-shadow:4px 4px 4px 4px rgb(219, 155,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 45.559, 67.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 155, 92) }
```

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

```
.background{ background-color: rgb(219,  
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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