

Converting Colors

CIELCh(67, 65.144, 75.063)

Have a look what the booklet for
CIELCh(67, 65.144, 75.063) contains.

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Color

CIELCh(67, 65.212, 75.472)

Conversions

Conversions Part 1

Format	Color
Hex	D99628
RGB	217, 150, 40
RGB Percent	85%, 59%, 16%
CMY	0.1498, 0.4124, 0.8439
CMYK	0.00, 0.31, 0.82, 0.15
HSL	37°, 70%, 50%
HSV	37°, 82%, 85%
XYZ	39.8154, 36.6320, 6.9624
YIQ	157.4930, 75.2420, -20.0060

Conversions

Conversions Part 2

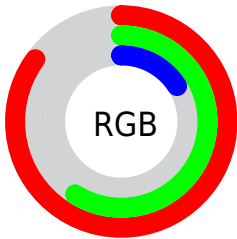
Format	Color
R_{YB}	148, 217, 40
Decimal	14259752
CIE _{Lab}	67.00, 16.36, 63.13
CIE _{LCh}	67, 65.212, 75.472
Yxy	36.6320, 0.4773, 0.4392
Android (android.graphics.Color)	4292449832 (0xFFD99628)
YUV	157.4930, -57.9240, 52.1876
Hunter-Lab	60.5244, 11.5071, 35.5466

Details

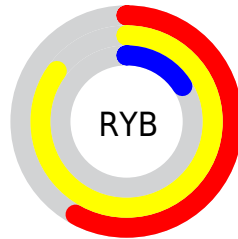
The CIELCh color **67, 65.212, 75.472** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **47, 65.168, 287.253**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 60.150, 83.735**, and **47, 57.434, 72.671** is the 20% darker color. If you saturate the color by 10%, you get **65, 70.375, 73.255**, and if you desaturate by 10%, it is **69, 58.216, 77.292**.

Distribution



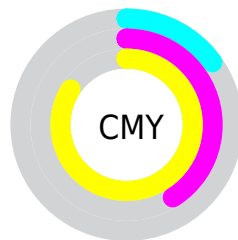
- Red (85%)
- Green (59%)
- Blue (16%)



- Red (58%)
- Yellow (85%)
- Blue (16%)



- Cyan (0%)
- Magenta (31%)
- Yellow (82%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 65.212, 75.472 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 67, 65.212, 75.472 by changing the saturation by 10% instead.

■ 67, 65.212, 75.472

■ 67, 65.212, 75.472

■ 100, 65.212,
75.472

■ 57, 65.212, 75.472

■ 87, 65.212, 75.472

■ 47, 65.212, 75.472

■ 97, 65.212, 75.472

■ 37, 65.212, 75.472

■ 27, 65.212, 75.472

■ 17, 65.212, 75.472

■ 7, 65.212, 75.472

■ 0, 65.212, 75.472

■ 67, 65.212, 75.472

■ 67, 65.212, 75.472

■ 65, 70.375, 73.255

■ 69, 58.216, 77.292

63, 73.096, 71.035

71, 50.244, 78.896

74, 41.877, 80.390

76, 33.439, 81.821

78, 25.100, 83.208

81, 16.938, 84.554

84, 8.983, 85.851

86, 1.239, 86.919

89, 6.300, 268.422

Harmonies

Complementary

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



67, 65.212, 75.472



47, 65.168, 287.253

Rectangle

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



67, 65.212, 75.472



67, 65.212, 125.472



67, 65.212, 255.472



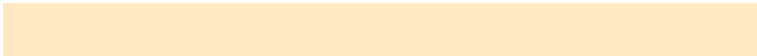
67, 65.212, 305.472

Sweetspot

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



67, 65.211, 75.475



93, 21.507, 84.210



49, 69.516, 5.339



49, 14.847, 83.727



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 65.211, 75.475



74, 82.040, 71.269



83, 80.634, 109.579



45, 4.409, 86.127



51, 61.845, 71.570



12, 18.976, 73.750

Inverse Universe

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



47, 65.168, 287.253



47, 90.702, 293.939



33, 104.373, 305.351



43, 4.385, 268.651



32, 67.650, 293.694



5, 21.487, 283.077

Previews

White Background



This preview shows how the CIELCh color 67, 65.212, 75.472 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 67, 65.212, 75.472 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 67, 65.212, 75.472

Background



This preview shows how black text looks on a background with the CIELCh color 67, 65.212, 75.472.



This preview shows how white text looks on a background with the CIELCh color 67, 65.212, 75.472.

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

67, 65.212, 75.472

Protanopia

67, 61.134, 95.641

Deuteranopia

67, 64.222, 82.147



Tritanopia
67, 33.773, 13.792

Trichromacy



Original Color
67, 65.212, 75.472

Protanomaly
67, 61.478, 88.196

Deuteranomaly
67, 64.480, 79.601

Tritanomaly
67, 39.419, 49.662

Monochromacy



Original Color
67, 65.212, 75.472

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 24.673, 82.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 65.212, 75.472 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(217, 150, 40)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 40)  
}
```

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(217, 150, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 65.212, 75.472 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(217, 150, 40) }
```

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

```
.border{ border-color:rgb(217, 150, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 40);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 65.212, 75.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 40) }
```

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

```
.background{ background-color: rgb(217,  
150, 40) }
```

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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