

Converting Colors

CIELCh(68, 65.290, 79.519)

Have a look what the booklet for
CIELCh(68, 65.290, 79.519) contains.

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Color

CIELCh(68, 65.268, 79.106)

Conversions

Conversions Part 1

Format	Color
Hex	D69B27
RGB	214, 155, 39
RGB Percent	84%, 61%, 15%
CMY	0.1600, 0.3915, 0.8463
CMYK	0.00, 0.28, 0.82, 0.16
HSL	40°, 69%, 50%
HSV	40°, 82%, 84%
XYZ	39.9071, 37.9720, 7.1626
YIQ	159.4170, 72.4000, -23.5680

Conversions

Conversions Part 2

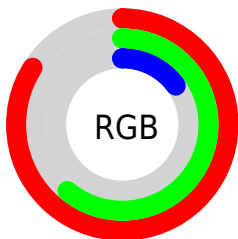
Format	Color
R_{YB}	128, 214, 39
Decimal	14064423
CIE _{Lab}	68.00, 12.34, 64.09
CIE _{LCh}	68, 65.268, 79.106
Yxy	37.9720, 0.4693, 0.4465
Android (android.graphics.Color)	4292254503 (0xFFD69B27)
YUV	159.4170, -59.3656, 47.8693
Hunter-Lab	61.6215, 7.7621, 36.2434

Details

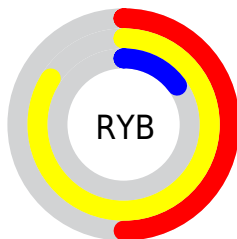
The CIELCh color **68, 65.268, 79.106** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **44, 69.058, 290.142**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 61.277, 86.264**, and **48, 56.696, 76.885** is the 20% darker color. If you saturate the color by 10%, you get **66, 69.998, 77.009**, and if you desaturate by 10%, it is **70, 58.612, 80.868**.

Distribution



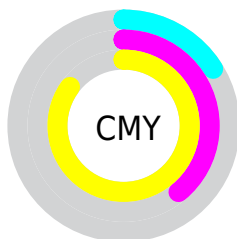
- Red (84%)
- Green (61%)
- Blue (15%)



- Red (50%)
- Yellow (84%)
- Blue (15%)



- Cyan (0%)
- Magenta (28%)
- Yellow (82%)
- Black (16%)



- Cyan (16%)
- Magenta (39%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 65.268, 79.106 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, 65.268, 79.106 by changing the saturation by 10% instead.

68, 65.268, 79.106

68, 65.268, 79.106

100, 65.268,
79.106

58, 65.268, 79.106

88, 65.268, 79.106

48, 65.268, 79.106

98, 65.268, 79.106

38, 65.268, 79.106

28, 65.268, 79.106

18, 65.268, 79.106

8, 65.268, 79.106

0, 65.268, 79.106

68, 65.268, 79.106

68, 65.268, 79.106

66, 69.998, 77.009

70, 58.612, 80.868

65, 72.335, 74.961

72, 50.855, 82.443

74, 42.585, 83.919

76, 34.149, 85.336

78, 25.734, 86.709

81, 17.436, 88.041

83, 9.295, 89.324

85, 1.327, 90.409

88, 6.469, 271.845

Harmonies

Complementary

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



68, 65.268, 79.106



44, 69.058, 290.142

Rectangle

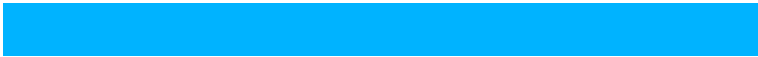
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 65.268, 79.106



68, 65.268, 129.106



68, 65.268, 259.106



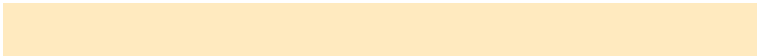
68, 65.268, 309.106

Sweetspot

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



68, 65.267, 79.109



93, 23.229, 87.573



48, 68.843, 8.170



49, 15.906, 87.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 65.267, 79.109



76, 81.991, 75.164



81, 80.254, 111.312



44, 4.497, 89.606



52, 61.131, 75.454



12, 18.107, 78.195

Inverse Universe

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



44, 69.058, 290.142



45, 97.122, 296.432



33, 103.099, 305.770



42, 4.494, 272.076



29, 71.569, 296.164



5, 21.096, 284.064

Previews

White Background



This preview shows how the CIELCh color 68, 65.268, 79.106 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, 65.268, 79.106 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, 65.268, 79.106

Background



This preview shows how black text looks on a background with the CIELCh color 68, 65.268, 79.106.



This preview shows how white text looks on a background with the CIELCh color 68, 65.268, 79.106.

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, 65.268, 79.106

Protanopia

68, 62.372, 94.911

Deuteranopia

68, 64.929, 82.473



Tritanopia
68, 30.790, 11.472

Trichromacy



Original Color
68, 65.268, 79.106

Protanomaly
68, 62.755, 88.929

Deuteranomaly
68, 65.183, 81.247

Tritanomaly
68, 36.742, 52.424

Monochromacy



Original Color
68, 65.268, 79.106

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 25.009, 85.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 65.268, 79.106 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(214, 155, 39)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 39)  
}
```

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(214, 155, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 65.268, 79.106 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(214, 155, 39) }
```

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

```
.border{ border-color:rgb(214, 155, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 39);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 65.268, 79.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 39) }
```

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

```
.background{ background-color: rgb(214,  
155, 39) }
```

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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