

Converting Colors

CIELCh(65, 61.891, 71.159)

Have a look what the booklet for
CIELCh(65, 61.891, 71.159) contains.

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Color

CIELCh(65, 61.908, 71.103)

Conversions

Conversions Part 1

Format	Color
Hex	D78E2F
RGB	215, 142, 47
RGB Percent	84%, 56%, 18%
CMY	0.1564, 0.4427, 0.8153
CMYK	0.00, 0.34, 0.78, 0.16
HSL	34°, 68%, 51%
HSV	34°, 78%, 84%
XYZ	38.2623, 34.0472, 7.2556
YIQ	152.9970, 74.0030, -14.0690

Conversions

Conversions Part 2

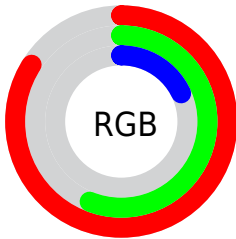
Format	Color
R _{YB}	176, 215, 47
Decimal	14126639
CIE Lab	65.00, 20.05, 58.57
CIE LCh	65, 61.908, 71.103
Yxy	34.0472, 0.4809, 0.4279
Android (android.graphics.Color)	4292316719 (0xFFD78E2F)
YUV	152.9970, -52.2565, 54.3766
Hunter-Lab	58.3500, 14.9368, 33.4725

Details

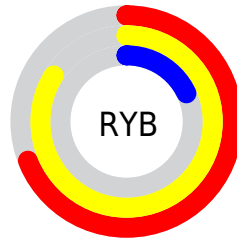
The CIELCh color **65, 61.908, 71.103** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **51, 56.229, 281.261**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 56.457, 78.738**, and **45, 57.103, 69.299** is the 20% darker color. If you saturate the color by 10%, you get **63, 68.354, 69.036**, and if you desaturate by 10%, it is **67, 54.154, 72.807**.

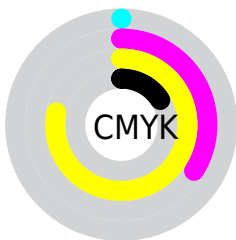
Distribution



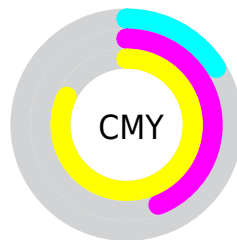
- Red (84%)
- Green (56%)
- Blue (18%)



- Red (69%)
- Yellow (84%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 61.908, 71.103 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 65, 61.908, 71.103 by changing the saturation by 10% instead.

65, 61.908, 71.103

65, 61.908, 71.103

100, 61.908,
71.103

55, 61.908, 71.103

85, 61.908, 71.103

45, 61.908, 71.103

95, 61.908, 71.103

35, 61.908, 71.103

25, 61.908, 71.103

15, 61.908, 71.103

5, 61.908, 71.103

0, 61.908, 71.103

65, 61.908, 71.103

65, 61.908, 71.103

63, 68.354, 69.036

67, 54.154, 72.807

61, 72.678, 66.358

70, 45.859, 74.328

60, 73.428, 65.849

73, 37.464, 75.761

75, 29.196, 77.148

78, 21.156, 78.501

81, 13.382, 79.819

84, 5.879, 81.081

87, 1.365, 262.638

90, 8.371, 263.646

Harmonies

Complementary

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



65, 61.908, 71.103



51, 56.229, 281.261

Rectangle

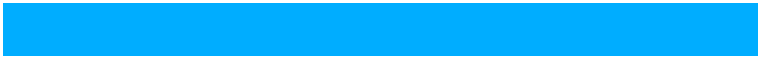
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 61.908, 71.103



65, 61.908, 121.103



65, 61.908, 251.103



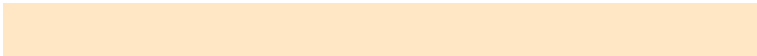
65, 61.908, 301.103

Sweetspot

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



65, 61.907, 71.106



92, 19.703, 79.149



49, 68.206, 358.624



48, 13.728, 78.665



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 61.907, 71.106



72, 81.286, 67.265



83, 77.731, 106.130



44, 4.115, 80.921



48, 61.734, 66.464



11, 17.221, 67.102

Inverse Universe

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



51, 56.229, 281.261



53, 78.384, 288.226



34, 100.300, 304.060



43, 4.064, 263.465



34, 60.392, 289.589



6, 18.819, 278.376

Previews

White Background



This preview shows how the CIELCh color 65, 61.908, 71.103 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 65, 61.908, 71.103 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 65, 61.908, 71.103

Background



This preview shows how black text looks on a background with the CIELCh color 65, 61.908, 71.103.



This preview shows how white text looks on a background with the CIELCh color 65, 61.908, 71.103.

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

65, 61.908, 71.103

Protanopia

65, 55.865, 95.240

Deuteranopia

65, 59.786, 81.685



Tritanopia
65, 36.094, 14.760

Trichromacy



Original Color
65, 61.908, 71.103

Protanomaly
65, 56.436, 85.647

Deuteranomaly
65, 60.355, 77.614

Tritanomaly
65, 40.437, 44.545

Monochromacy



Original Color
65, 61.908, 71.103

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 22.782, 77.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 61.908, 71.103 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(215, 142, 47)` looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 47)  
}
```

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(215, 142, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 61.908, 71.103 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(215, 142, 47) }
```

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

```
.border{ border-color:rgb(215, 142, 47) }
```

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

Here you see how a box with a 4 pixel rgb(215, 142, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 47);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 61.908, 71.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 47) }
```

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

```
.background{ background-color: rgb(215,  
142, 47) }
```

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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