

Converting Colors

CIELCh(62, 62.128, 68.875)

Have a look what the booklet for
CIELCh(62, 62.128, 68.875) contains.

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Color

CIELCh(62, 62.025, 69.095)

Conversions

Conversions Part 1

Format	Color
Hex	D18529
RGB	209, 133, 41
RGB Percent	82%, 52%, 16%
CMY	0.1813, 0.4792, 0.8400
CMYK	0.00, 0.36, 0.80, 0.18
HSL	33°, 67%, 49%
HSV	33°, 80%, 82%
XYZ	34.9872, 30.4025, 6.1030
YIQ	145.2360, 74.8280, -12.5000

Conversions

Conversions Part 2

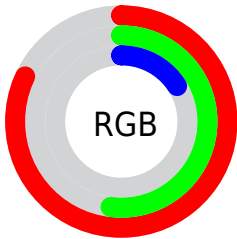
Format	Color
R _Y B	180, 209, 41
Decimal	13731113
CIE Lab	62.00, 22.13, 57.94
CIE LCh	62, 62.025, 69.095
Yxy	30.4025, 0.4894, 0.4253
Android (android.graphics.Color)	4291921193 (0xFFD18529)
YUV	145.2360, -51.3883, 55.9210
Hunter-Lab	55.1385, 16.7718, 32.0344

Details

The CIELCh color **62, 62.025, 69.095** 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 **49, 54.892, 280.542**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 57.611, 74.037**, and **42, 55.873, 66.150** is the 20% darker color. If you saturate the color by 10%, you get **60, 68.102, 66.929**, and if you desaturate by 10%, it is **64, 54.524, 70.830**.

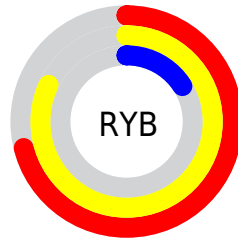
Distribution



Red (82%)

Green (52%)

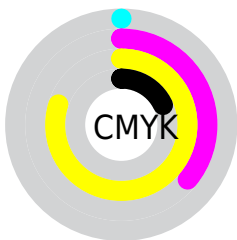
Blue (16%)



Red (71%)

Yellow (82%)

Blue (16%)

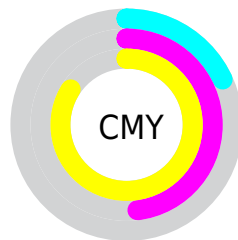


Cyan (0%)

Magenta (36%)

Yellow (80%)

Black (18%)



Cyan (18%)

Magenta (48%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 62.025, 69.095 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 62, 62.025, 69.095 by changing the saturation by 10% instead.

62, 62.025, 69.095

62, 62.025, 69.095

100, 62.025,
69.095

52, 62.025, 69.095

82, 62.025, 69.095

42, 62.025, 69.095

92, 62.025, 69.095

32, 62.025, 69.095

22, 62.025, 69.095

12, 62.025, 69.095

2, 62.025, 69.095

0, 62.025, 69.095

62, 62.025, 69.095

62, 62.025, 69.095

60, 68.102, 66.929

64, 54.524, 70.830

58, 72.147, 64.346

67, 46.418, 72.347

70, 38.191, 73.766

72, 30.088, 75.137

75, 22.224, 76.477

78, 14.638, 77.788

81, 7.338, 79.054

84, 0.309, 79.252

87, 6.469, 261.627

Harmonies

Complementary

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



62, 62.025, 69.095



49, 54.892, 280.542

Rectangle

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



62, 62.025, 69.095



62, 62.025, 119.095



62, 62.025, 249.095



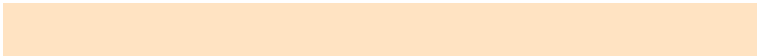
62, 62.025, 299.095

Sweetspot

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



62, 62.024, 69.098



92, 20.349, 77.291



48, 67.965, 357.992



48, 14.079, 76.818



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 62.024, 69.098



70, 82.808, 64.775



81, 77.179, 105.168



43, 3.977, 79.183



47, 61.332, 64.945



9, 15.797, 64.572

Inverse Universe

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



49, 54.892, 280.542



52, 78.398, 288.056



31, 100.687, 304.259



42, 3.918, 261.716



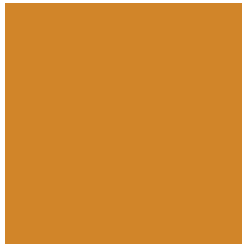
34, 57.694, 288.096



5, 17.245, 276.055

Previews

White Background



This preview shows how the CIELCh color 62, 62.025, 69.095 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 62, 62.025, 69.095 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 62, 62.025, 69.095

Background



This preview shows how black text looks on a background with the CIELCh color 62, 62.025, 69.095.



This preview shows how white text looks on a background with the CIELCh color 62, 62.025, 69.095.

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

62, 62.025, 69.095

Protanopia

62, 55.247, 95.872

Deuteranopia

62, 59.114, 82.440



Tritanopia
62, 37.359, 16.188

Trichromacy



Original Color
62, 62.025, 69.095

Protanomaly
62, 56.067, 85.107

Deuteranomaly
62, 59.802, 77.336

Tritanomaly
62, 41.915, 44.184

Monochromacy



Original Color
62, 62.025, 69.095

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 22.549, 76.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 62.025, 69.095 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(209, 133, 41)` looks like.

```
.text, #text, p{  
    color:rgb(209, 133, 41)  
}
```

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(209, 133, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 133, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 62.025, 69.095 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(209, 133, 41) }
```

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

```
.border{ border-color:rgb(209, 133, 41) }
```

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

Here you see how a box with a 4 pixel rgb(209, 133, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 133, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 133, 41);  
box-shadow:4px 4px 4px 4px rgb(209, 133,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 62.025, 69.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 133, 41) }
```

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

```
.background{ background-color: rgb(209,  
133, 41) }
```

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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