

Converting Colors

CIELCh(70, 62.493, 85.336)

Have a look what the booklet for
CIELCh(70, 62.493, 85.336) contains.

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Color

CIELCh(70, 62.485, 85.282)

Conversions

Conversions Part 1

Format	Color
Hex	D1A531
RGB	209, 165, 49
RGB Percent	82%, 65%, 19%
CMY	0.1799, 0.3525, 0.8073
CMYK	0.00, 0.21, 0.77, 0.18
HSL	43°, 64%, 51%
HSV	43°, 77%, 82%
XYZ	40.3645, 40.7494, 8.6577
YIQ	164.9320, 63.4600, -26.7480

Conversions

Conversions Part 2

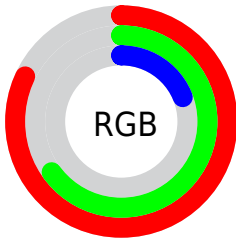
Format	Color
RYB	110, 209, 49
Decimal	13739313
CIELab	70.00, 5.14, 62.27
CIELCh	70, 62.485, 85.282
Yxy	40.7494, 0.4496, 0.4539
Android (android.graphics.Color)	4291929393 (0xFFD1A531)
YUV	164.9320, -57.1545, 38.6476
Hunter-Lab	63.8353, 1.1580, 36.6434

Details

The CIELCh color **70, 62.485, 85.282** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **43, 69.307, 292.140**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 60.287, 90.977**, and **50, 56.692, 84.672** is the 20% darker color. If you saturate the color by 10%, you get **68, 67.842, 83.600**, and if you desaturate by 10%, it is **72, 55.513, 86.800**.

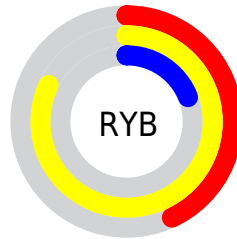
Distribution



Red (82%)

Green (65%)

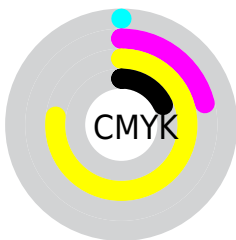
Blue (19%)



Red (43%)

Yellow (82%)

Blue (19%)

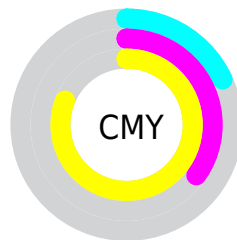


Cyan (0%)

Magenta (21%)

Yellow (77%)

Black (18%)



Cyan (18%)

Magenta (35%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 62.485, 85.282 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 70, 62.485, 85.282 by changing the saturation by 10% instead.

70, 62.485, 85.282

70, 62.485, 85.282

100, 62.485,
85.282

60, 62.485, 85.282

90, 62.485, 85.282

50, 62.485, 85.282

40, 62.485, 85.282

30, 62.485, 85.282

20, 62.485, 85.282

10, 62.485, 85.282

0, 62.485, 85.282

70, 62.485, 85.282

70, 62.485, 85.282

68, 67.842, 83.600

72, 55.513, 86.800

67, 70.882, 81.623

73, 47.618, 88.226

66, 71.652, 80.899

75, 39.270, 89.599

77, 30.748, 90.934

79, 22.210, 92.234

81, 13.737, 93.494

83, 5.369, 94.696

85, 2.874, 275.989

87, 10.990,
277.069

Harmonies

Complementary

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



70, 62.485, 85.282



43, 69.307, 292.140

Rectangle

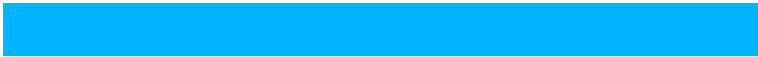
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 62.485, 85.282



70, 62.485, 135.282



70, 62.485, 265.282



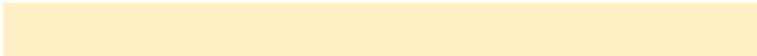
70, 62.485, 315.282

Sweetspot

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



70, 62.485, 85.285



95, 22.589, 92.648



48, 64.990, 11.631



50, 15.671, 92.181



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 62.485, 85.285



81, 81.421, 82.346



79, 76.583, 114.598



43, 4.694, 94.357



54, 61.017, 81.285



12, 17.628, 84.740

Inverse Universe

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



43, 69.307, 292.140



44, 99.783, 297.664



35, 94.856, 306.265



41, 4.720, 276.720



26, 77.606, 299.306



4, 20.783, 285.524

Previews

White Background



This preview shows how the CIELCh color 70, 62.485, 85.282 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 70, 62.485, 85.282 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 70, 62.485, 85.282

Background



This preview shows how black text looks on a background with the CIELCh color 70, 62.485, 85.282.



This preview shows how white text looks on a background with the CIELCh color 70, 62.485, 85.282.

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

70, 62.485, 85.282

Protanopia

70, 61.423, 95.536

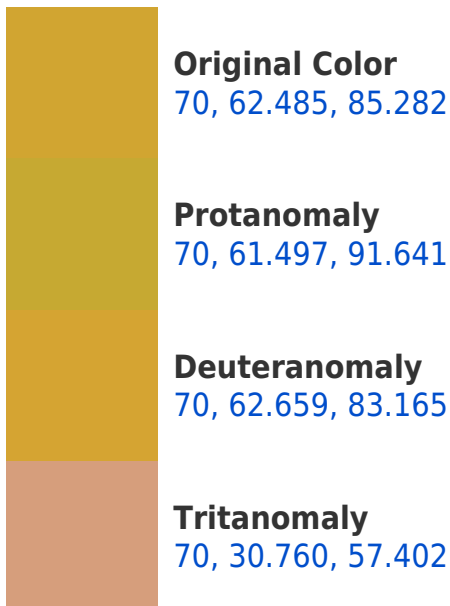
Deuteranopia

70, 62.880, 81.899



Tritanopia
70, 25.453, 7.178

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 62.485, 85.282 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, 165, 49)` looks like.

```
.text, #text, p{  
    color:rgb(209, 165, 49)  
}
```

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, 165, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 165, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 62.485, 85.282 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, 165, 49) }
```

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

```
.border{ border-color:rgb(209, 165, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 165, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 165, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 165, 49);  
box-shadow:4px 4px 4px 4px rgb(209, 165,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 62.485, 85.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 165, 49) }
```

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

```
.background{ background-color: rgb(209,  
165, 49) }
```

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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