

Converting Colors

CIELCh(69, 73.452, 83.192)

Have a look what the booklet for
CIELCh(69, 73.452, 83.192) contains.

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Color

CIELCh(69, 73.163, 83.307)

Conversions

Conversions Part 1

Format	Color
Hex	D5A000
RGB	213, 160, 0
RGB Percent	84%, 63%, 0%
CMY	0.1642, 0.3721, 0.9989
CMYK	0.00, 0.25, 1.00, 0.16
HSL	45°, 100%, 42%
HSV	45°, 100%, 84%
XYZ	40.0679, 39.3444, 5.4901
YIQ	157.6070, 82.9480, -38.5240

Conversions

Conversions Part 2

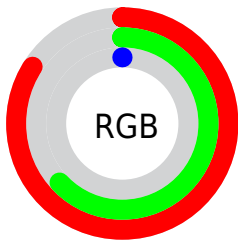
Format	Color
RYB	71, 213, 0
Decimal	14000128
CIELab	69.00, 8.53, 72.66
CIELCh	69, 73.163, 83.307
Yxy	39.3444, 0.4719, 0.4634
Android (android.graphics.Color)	4292190208 (0xFFD5A000)
YUV	157.6070, -77.7003, 48.5797
Hunter-Lab	62.7251, 4.2544, 38.7181

Details

The CIELCh color **69, 73.163, 83.307** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **33, 97.203, 300.894**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 70.174, 89.678**, and **49, 56.752, 80.331** is the 20% darker color. If you saturate the color by 10%, you get **69, 73.189, 83.285**, and if you desaturate by 10%, it is **70, 70.852, 85.186**.

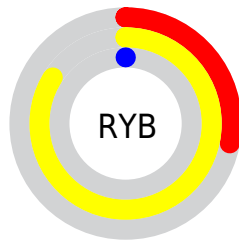
Distribution



Red (84%)

Green (63%)

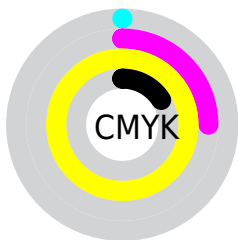
Blue (0%)



Red (28%)

Yellow (84%)

Blue (0%)

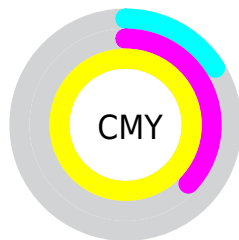


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 73.163, 83.307 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 69, 73.163, 83.307 by changing the saturation by 10% instead.

69, 73.163, 83.307

69, 73.163, 83.307

100, 73.163,
83.307

59, 73.163, 83.307

89, 73.163, 83.307

49, 73.163, 83.307

99, 73.163, 83.307

39, 73.163, 83.307

29, 73.163, 83.307

19, 73.163, 83.307

9, 73.163, 83.307

0, 73.163, 83.307

69, 73.163, 83.307

69, 73.163, 83.307

69, 73.189, 83.285

70, 70.852, 85.186

72, 66.305, 86.833

73, 59.789, 88.314

75, 52.043, 89.709

76, 43.631, 91.056

78, 34.908, 92.370

80, 26.081, 93.654

82, 17.265, 94.905

83, 8.520, 96.111

Harmonies

Complementary

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



69, 73.163, 83.307



33, 97.203, 300.894

Rectangle

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



69, 73.163, 83.307



69, 73.163, 133.307



69, 73.163, 263.307



69, 73.163, 313.307

Sweetspot

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



69, 73.162, 83.310



94, 30.306, 93.599



45, 78.937, 25.995



49, 20.706, 93.055



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 73.162, 83.310



81, 83.732, 83.049



79, 88.010, 117.485



44, 4.919, 96.163



56, 62.147, 83.630



13, 19.460, 87.015

Inverse Universe

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



33, 97.203, 300.894



39, 112.513, 301.230



28, 114.382, 307.660



42, 4.957, 278.485



26, 81.351, 300.468



4, 22.903, 287.544

Previews

White Background



This preview shows how the CIELCh color 69, 73.163, 83.307 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 69, 73.163, 83.307 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 69, 73.163, 83.307

Background



This preview shows how black text looks on a background with the CIELCh color 69, 73.163, 83.307.



This preview shows how white text looks on a background with the CIELCh color 69, 73.163, 83.307.

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

69, 73.163, 83.307

Protanopia

69, 70.432, 95.173

Deuteranopia

69, 72.790, 83.249



Tritanopia
69, 29.065, 10.575

Trichromacy



Original Color
69, 73.163, 83.307

Protanomaly
69, 70.965, 91.008

Deuteranomaly
69, 72.914, 83.268

Tritanomaly
68, 40.914, 62.726

Monochromacy



Original Color
69, 73.163, 83.307

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 32.786, 92.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 73.163, 83.307 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(213, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 0)  
}
```

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(213, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 73.163, 83.307 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(213, 160, 0) }
```

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

```
.border{ border-color:rgb(213, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 73.163, 83.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 0) }
```

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

```
.background{ background-color: rgb(213,  
160, 0) }
```

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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