

Converting Colors

CIELCh(73, 65.255, 109.283)

Have a look what the booklet for
CIELCh(73, 65.255, 109.283)
contains.

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Color

CIELCh(73, 65.300, 109.308)

Conversions

Conversions Part 1

Format	Color
Hex	AEBC38
RGB	174, 188, 56
RGB Percent	68%, 74%, 22%
CMY	0.3183, 0.2633, 0.7810
CMYK	0.07, 0.00, 0.70, 0.26
HSL	66°, 54%, 48%
HSV	66°, 70%, 74%
XYZ	36.0795, 45.1644, 10.5365
YIQ	168.7660, 34.0280, -44.0200

Conversions

Conversions Part 2

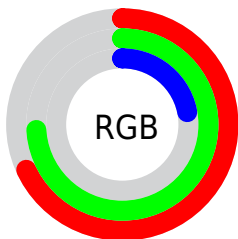
Format	Color
RYB	56, 188, 70
Decimal	11451448
CIELab	73.00, -21.59, 61.63
CIELCh	73, 65.300, 109.308
Yxy	45.1644, 0.3931, 0.4921
Android (android.graphics.Color)	4289641528 (0xFFAEBC38)
YUV	168.7660, -55.5936, 4.5902
Hunter-Lab	67.2044, -21.7780, 37.7474

Details

The CIELCh color **73, 65.300, 109.308** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **33, 80.683, 303.449**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 65.297, 109.333**, and **53, 61.050, 110.308** is the 20% darker color. If you saturate the color by 10%, you get **73, 71.311, 109.047**, and if you desaturate by 10%, it is **73, 57.789, 109.790**.

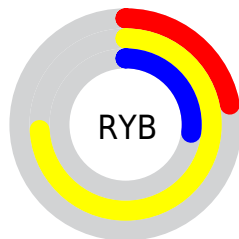
Distribution



Red (68%)

Green (74%)

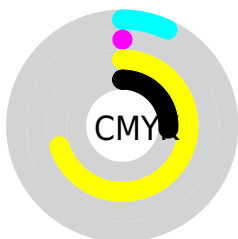
Blue (22%)



Red (22%)

Yellow (74%)

Blue (27%)

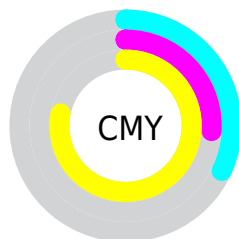


Cyan (7%)

Magenta (0%)

Yellow (70%)

Black (26%)



Cyan (32%)


Magenta (26%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 65.300, 109.308 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 73, 65.300, 109.308 by changing the saturation by 10% instead.


 73, 65.300,
109.308


 73, 65.300,
109.308


 100, 65.300,
109.308


 63, 65.300,
109.308


 93, 65.300,
109.308

 53, 65.300,
109.308

 43, 65.300,
109.308

 33, 65.300,
109.308

 23, 65.300,
109.308

 13, 65.300,
109.308

 3, 65.300, 109.308

■ 0, 65.300, 109.308

■ 73, 65.300,
109.308

■ 73, 65.300,
109.308

■ 73, 71.311,
109.047

■ 73, 57.789,
109.790

■ 73, 75.386,
109.065

■ 74, 49.233,
110.421

■ 72, 77.637,
109.335

■ 74, 39.998,
111.146

■ 74, 30.341,
111.925

■ 75, 20.432,
112.728

■ 76, 10.383,
113.532

■ 76, 0.268, 114.242

■ 77, 9.864, 295.098

■ 78, 19.976,
295.836

Harmonies

Complementary

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



73, 65.300, 109.308



33, 80.683, 303.449

Rectangle

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



73, 65.300, 109.308



73, 65.300, 159.308



73, 65.300, 289.308



73, 65.300, 339.308

Sweetspot

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



73, 65.300, 109.310



95, 26.231, 112.642



46, 57.607, 35.213



50, 17.724, 112.419



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 65.300, 109.310



92, 89.853, 109.018



69, 73.105, 129.564



40, 5.749, 113.605



62, 68.327, 109.253



11, 17.077, 114.259

Inverse Universe

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



33, 80.683, 303.449



36, 117.810, 305.577



41, 78.686, 315.264



37, 5.874, 295.138



18, 92.999, 306.696



1, 17.477, 293.596

Previews

White Background



This preview shows how the CIELCh color 73, 65.300, 109.308 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 73, 65.300, 109.308 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 73, 65.300, 109.308

Background



This preview shows how black text looks on a background with the CIELCh color 73, 65.300, 109.308.

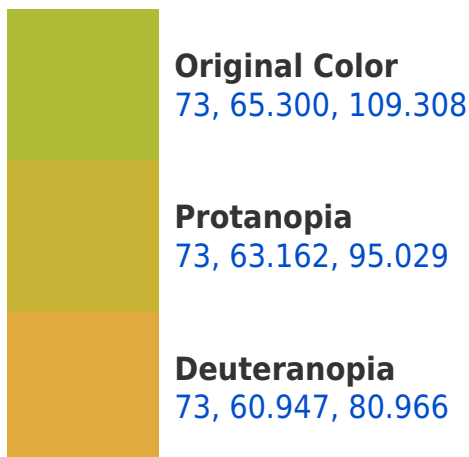



This preview shows how white text looks on a background with the CIELCh color 73, 65.300, 109.308.

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





Tritanopia
73, 8.846, 320.808

Trichromacy



Original Color
73, 65.300, 109.308

Protanomaly
73, 63.204, 100.364

Deuteranomaly
73, 60.528, 91.430

Tritanomaly
73, 21.009, 105.908

Monochromacy



Original Color
73, 65.300, 109.308

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 25.971, 112.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 65.300, 109.308 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(174, 188, 56)` looks like.

```
.text, #text, p{  
    color:rgb(174, 188, 56)  
}
```

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(174, 188, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 188, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 65.300, 109.308 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(174, 188, 56) }
```

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

```
.border{ border-color:rgb(174, 188, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 188, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 188, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 188, 56);  
box-shadow:4px 4px 4px 4px rgb(174, 188,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 65.300, 109.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 188, 56) }
```

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

```
.background{ background-color: rgb(174,  
188, 56) }
```

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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