

Converting Colors

CIELCh(73, 65.436, 101.675)

Have a look what the booklet for
CIELCh(73, 65.436, 101.675)
contains.

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Color

CIELCh(73, 65.630, 101.862)

Conversions

Conversions Part 1

Format	Color
Hex	BDB832
RGB	189, 184, 50
RGB Percent	74%, 72%, 20%
CMY	0.2601, 0.2796, 0.8052
CMYK	0.00, 0.03, 0.74, 0.26
HSL	58°, 58%, 47%
HSV	58°, 74%, 74%
XYZ	38.5560, 45.1644, 9.6661
YIQ	170.2190, 45.9940, -40.6140

Conversions

Conversions Part 2

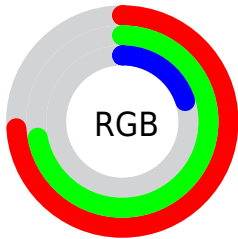
Format	Color
RYB	55, 189, 50
Decimal	12433458
CIELab	73.00, -13.49, 64.23
CIElCh	73, 65.630, 101.862
Yxy	45.1644, 0.4129, 0.4836
Android (android.graphics.Color)	4290623538 (0xFFBDB832)
YUV	170.2190, -59.2680, 16.4709
Hunter-Lab	67.2044, -15.2003, 38.5153

Details

The CIELCh color **73, 65.630, 101.862** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **32, 82.541, 301.459**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 65.722, 102.030**, and **53, 59.114, 102.391** is the 20% darker color. If you saturate the color by 10%, you get **73, 70.879, 101.245**, and if you desaturate by 10%, it is **73, 58.723, 102.619**.

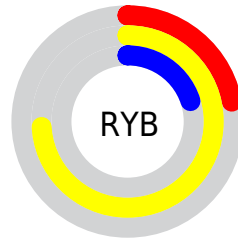
Distribution



Red (74%)

Green (72%)

Blue (20%)



Red (22%)

Yellow (74%)

Blue (20%)

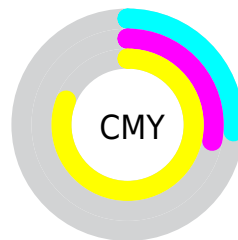


Cyan (0%)

Magenta (3%)

Yellow (74%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 65.630, 101.862 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, 65.630, 101.862 by changing the saturation by 10% instead.


 73, 65.630,
101.862


 73, 65.630,
101.862


 100, 65.630,
101.862


 63, 65.630,
101.862


 93, 65.630,
101.862

 53, 65.630,
101.862

 43, 65.630,
101.862

 33, 65.630,
101.862

 23, 65.630,
101.862

 13, 65.630,
101.862

 3, 65.630, 101.862

■ 0, 65.630, 101.862

■ 73, 65.630,
101.862

■ 73, 65.630,
101.862

■ 73, 70.879,
101.245

■ 73, 58.723,
102.619

■ 73, 74.055,
100.780

■ 74, 50.653,
103.477

■ 72, 75.262,
100.544

■ 74, 41.833,
104.407

■ 75, 32.555,
105.379

■ 75, 23.012,
106.372

■ 76, 13.327,
107.367

■ 76, 3.577, 108.338

■ 77, 6.189, 289.336

■ 78, 15.939,
290.263

Harmonies

Complementary

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



73, 65.630, 101.862



32, 82.541, 301.459

Rectangle

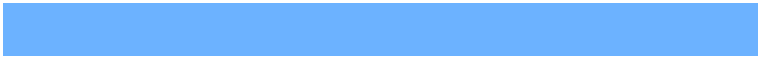
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 65.630, 101.862



73, 65.630, 151.862



73, 65.630, 281.862



73, 65.630, 331.862

Sweetspot

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



73, 65.630, 101.864



95, 26.437, 106.504



43, 62.583, 28.242



50, 17.738, 106.234



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, 65.630, 101.864



92, 88.729, 100.959



70, 72.794, 124.526



40, 5.527, 107.792



62, 66.054, 100.576



10, 16.139, 105.722

Inverse Universe

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



32, 82.541, 301.459



34, 119.943, 304.628



37, 82.777, 311.198



37, 5.640, 289.701



18, 91.865, 305.768



1, 16.984, 289.637

Previews

White Background



This preview shows how the CIELCh color 73, 65.630, 101.862 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 73, 65.630, 101.862 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, 65.630, 101.862

Background



This preview shows how black text looks on a background with the CIELCh color 73, 65.630, 101.862.



This preview shows how white text looks on a background with the CIELCh color 73, 65.630, 101.862.

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

73, 65.630, 101.862

Protanopia

73, 65.219, 95.521

Deuteranopia

73, 63.967, 81.718



Tritanopia
73, 13.290, 345.818

Trichromacy



Original Color
73, 65.630, 101.862

Protanomaly
73, 65.260, 97.512

Deuteranomaly
73, 63.521, 89.224

Tritanomaly
73, 23.171, 87.202

Monochromacy



Original Color
73, 65.630, 101.862

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 26.442, 105.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 65.630, 101.862 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(189, 184, 50)` looks like.

```
.text, #text, p{  
    color:rgb(189, 184, 50)  
}
```

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(189, 184, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 184, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 65.630, 101.862 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(189, 184, 50) }
```

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

```
.border{ border-color:rgb(189, 184, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 184, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 184, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 184, 50);  
box-shadow:4px 4px 4px 4px rgb(189, 184,  
50) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 65.630, 101.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 184, 50) }
```

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

```
.background{ background-color: rgb(189,  
184, 50) }
```

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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