

Converting Colors

CIELCh(73, 38.964, 106.360)

Have a look what the booklet for
CIELCh(73, 38.964, 106.360)
contains.

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Color

CIELCh(73, 38.655, 106.384)

Conversions

Conversions Part 1

Format	Color
Hex	B7B76E
RGB	183, 183, 110
RGB Percent	72%, 72%, 43%
CMY	0.2816, 0.2816, 0.5679
CMYK	0.00, 0.00, 0.40, 0.28
HSL	60°, 34%, 58%
HSV	60°, 40%, 72%
XYZ	39.3701, 45.1644, 21.4444
YIQ	174.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

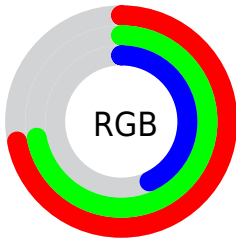
Format	Color
R_{YB}	110, 183, 110
Decimal	12040046
CIE _{Lab}	73.00, -10.90, 37.09
CIE _{LCh}	73, 38.655, 106.384
Yxy	45.1644, 0.3715, 0.4262
Android (android.graphics.Color)	4290230126 (0xFFB7B76E)
YUV	174.6780, -31.8863, 7.2984
Hunter-Lab	67.2044, -13.0379, 28.1241

Details

The CIELCh color $73, 38.655, 106.384$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $49, 42.801, 295.456$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 38.553, 106.502$, and $53, 38.753, 105.968$ is the 20% darker color. If you saturate the color by 10%, you get $73, 47.690, 105.498$, and if you desaturate by 10%, it is $73, 29.216, 107.322$.

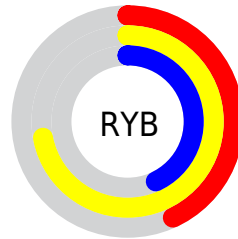
Distribution



Red (72%)

Green (72%)

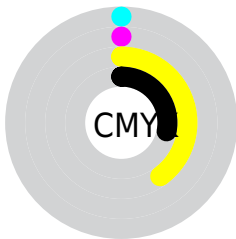
Blue (43%)



Red (43%)

Yellow (72%)

Blue (43%)

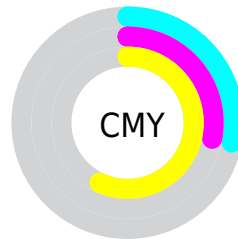


Cyan (0%)

Magenta (0%)

Yellow (40%)

Black (28%)



Cyan (28%)


Magenta (28%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 38.655, 106.384 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, 38.655, 106.384 by changing the saturation by 10% instead.


 73, 38.655,
106.384

 73, 38.655,
106.384


 100, 38.655,
106.384

 63, 38.655,
106.384


 93, 38.655,
106.384

 53, 38.655,
106.384

 43, 38.655,
106.384

 33, 38.655,
106.384

 23, 38.655,
106.384

 13, 38.655,
106.384

 3, 38.655, 106.384

■ 0, 38.655, 106.384

■ 73, 38.655,
106.384

■ 73, 38.655,
106.384

■ 73, 47.690,
105.498

■ 73, 29.216,
107.322

■ 73, 56.067,
104.683

■ 74, 19.536,
108.277

■ 72, 63.428,
103.980

■ 74, 9.724, 109.235

■ 72, 69.325,
103.427

■ 74, 0.150, 290.592

■ 72, 73.330,
103.058

■ 75, 10.042,
291.126

■ 72, 75.565,
102.854

■ 76, 19.921,
292.023

■ 76, 29.764,

■ 72, 75.594,
102.852

292.886

■ 77, 38.634,
293.634

■ 77, 38.634,
293.634

Harmonies

Complementary

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



73, 38.655, 106.384



49, 42.801, 295.456

Rectangle

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



73, 38.655, 106.384



73, 38.655, 156.384



73, 38.655, 286.384



73, 38.655, 336.384

Sweetspot

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



73, 38.656, 106.387



93, 14.596, 109.012



54, 31.388, 21.995



50, 9.757, 108.888



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 38.656, 106.387



92, 56.732, 105.590



70, 41.463, 126.619



39, 5.599, 109.284



62, 66.992, 102.852



10, 15.132, 108.837

Inverse Universe

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



49, 42.801, 295.456



57, 64.781, 297.139



53, 43.990, 310.508



35, 5.722, 291.134



17, 92.504, 306.287



1, 15.385, 290.297

Previews

White Background



This preview shows how the CIELCh color 73, 38.655, 106.384 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, 38.655, 106.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

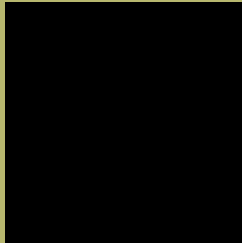
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 38.655, 106.384

Background



This preview shows how black text looks on a background with the CIELCh color 73, 38.655, 106.384.



This preview shows how white text looks on a background with the CIELCh color 73, 38.655, 106.384.

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, 38.655, 106.384

Protanopia

73, 38.019, 95.462

Deuteranopia

73, 37.199, 75.597



Tritanopia
73, 10.160, 331.877

Trichromacy



Original Color
73, 38.655, 106.384

Protanomaly
73, 38.468, 100.057

Deuteranomaly
73, 36.163, 86.680

Tritanomaly
73, 10.328, 82.172

Monochromacy



Original Color
73, 38.655, 106.384

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 14.602, 108.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 38.655, 106.384 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(183, 183, 110)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 110)  
}
```

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(183, 183, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 38.655, 106.384 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(183, 183, 110) }
```

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

```
.border{ border-color:rgb(183, 183, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 110);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 38.655, 106.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 110) }
```

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

```
.background{ background-color: rgb(183,  
183, 110) }
```

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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