

Converting Colors

CIELCh(73, 37.680, 142.410)

Have a look what the booklet for
CIELCh(73, 37.680, 142.410)
contains.

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Color

CIELCh(73, 37.625, 142.402)

Conversions

Conversions Part 1

Format	Color
Hex	88C188
RGB	136, 193, 136
RGB Percent	53%, 76%, 53%
CMY	0.4666, 0.2430, 0.4666
CMYK	0.30, 0.00, 0.30, 0.24
HSL	120°, 32%, 65%
HSV	120°, 30%, 76%
XYZ	33.6774, 45.1644, 30.2432
YIQ	169.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

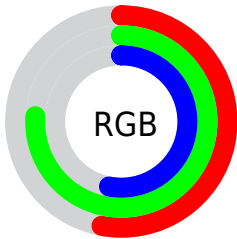
Format	Color
RYB	136, 193, 193
Decimal	8962440
CIELab	73.00, -29.81, 22.96
CIELCh	73, 37.625, 142.402
Yxy	45.1644, 0.3087, 0.4140
Android (android.graphics.Color)	4287152520 (0xFF88C188)
YUV	169.4590, -16.4953, -29.3435
Hunter-Lab	67.2044, -28.1581, 20.3616

Details

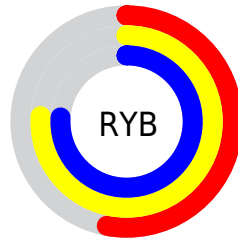
The CIELCh color $73, 37.625, 142.402$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64, 37.623, 326.030$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 37.552, 142.428$, and $53, 37.442, 142.524$ is the 20% darker color. If you saturate the color by 10%, you get $72, 50.054, 141.476$, and if you desaturate by 10%, it is $75, 24.893, 143.208$.

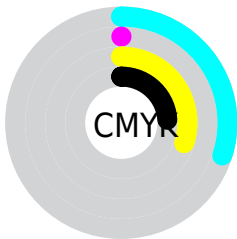
Distribution



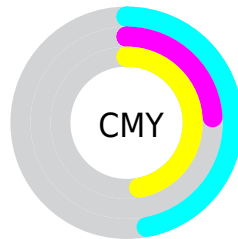
- Red (53%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)





- Cyan (47%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 37.625, 142.402 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, 37.625, 142.402 by changing the saturation by 10% instead.


 73, 37.625,
142.402


 73, 37.625,
142.402


 100, 37.625,
142.402


 63, 37.625,
142.402


 93, 37.625,
142.402

 53, 37.625,
142.402

 43, 37.625,
142.402

 33, 37.625,
142.402

 23, 37.625,
142.402

 13, 37.625,
142.402

 3, 37.625, 142.402

0, 37.625, 142.402

73, 37.625,
142.402

73, 37.625,
142.402

72, 50.054,
141.476

75, 24.893,
143.208

71, 61.866,
140.437

76, 12.093,
143.905

70, 72.678,
139.319

78, 0.598, 324.047

69, 82.029,
138.197

80, 13.055,
324.940

69, 89.409,
137.194

83, 25.196,
325.366

68, 94.367,
136.454

85, 36.973,
325.721

■ 68, 97.032,
136.034

■ 85, 38.865,
325.774

■ 68, 97.142,
136.016

Harmonies

Complementary

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



73, 37.625, 142.402



64, 37.623, 326.030

Rectangle

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



73, 37.625, 142.402



73, 37.625, 192.402



73, 37.625, 322.402



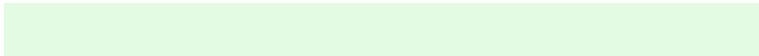
73, 37.625, 12.402

Sweetspot

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



73, 37.626, 142.402



96, 14.078, 143.931



77, 30.159, 107.342



51, 9.790, 143.834



99, 0.012, 296.813



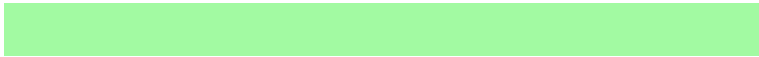
52, 0.007, 296.813

Same Dimension

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



73, 37.626, 142.402



91, 54.834, 141.859



74, 25.938, 160.937



40, 7.215, 143.916



57, 84.787, 136.016



10, 24.261, 144.096

Inverse Universe

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



64, 37.623, 326.030



78, 54.779, 326.340



63, 26.894, 346.370



38, 7.226, 324.931



38, 81.805, 328.233



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 73, 37.625, 142.402 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, 37.625, 142.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

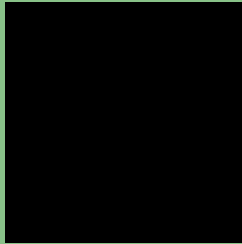
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 37.625, 142.402

Background



This preview shows how black text looks on a background with the CIELCh color 73, 37.625, 142.402.

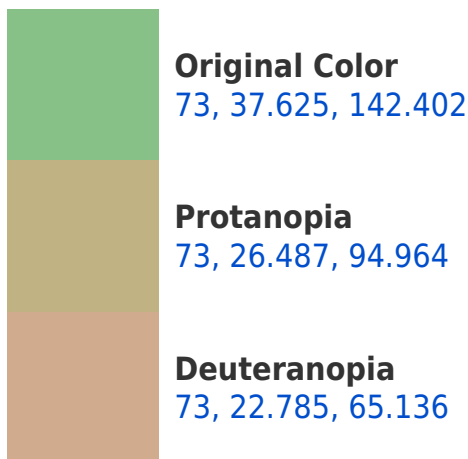


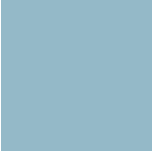
This preview shows how white text looks on a background with the CIELCh color 73, 37.625, 142.402.

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, 14.704, 232.430

Trichromacy



Original Color
73, 37.625, 142.402

Protanomaly
72, 27.687, 116.757

Deuteranomaly
72, 21.581, 104.818

Tritanomaly
73, 16.911, 177.333

Monochromacy



Original Color
73, 37.625, 142.402

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 14.032, 143.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 37.625, 142.402 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(136, 193, 136)` looks like.

```
.text, #text, p{  
    color:rgb(136, 193, 136)  
}
```

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(136, 193, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 193, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 37.625, 142.402 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(136, 193, 136) }
```

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

```
.border{ border-color:rgb(136, 193, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 193, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 193, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 193, 136);  
box-shadow:4px 4px 4px 4px rgb(136, 193,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 37.625, 142.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 193, 136) }
```

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

```
.background{ background-color: rgb(136,  
193, 136) }
```

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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