

Converting Colors

CIELCh(73, 42.570, 126.475)

Have a look what the booklet for
CIELCh(73, 42.570, 126.475)
contains.

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Color

CIELCh(73, 42.275, 126.512)

Conversions

Conversions Part 1

Format	Color
Hex	9ABE73
RGB	154, 190, 115
RGB Percent	60%, 75%, 45%
CMY	0.3945, 0.2533, 0.5475
CMYK	0.19, 0.00, 0.39, 0.25
HSL	89°, 37%, 60%
HSV	89°, 39%, 75%
XYZ	35.0250, 45.1644, 23.2088
YIQ	170.6860, 2.6190, -30.9570

Conversions

Conversions Part 2

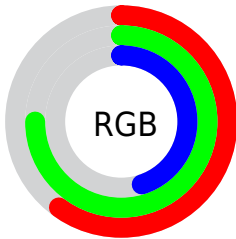
Format	Color
RYB	115, 190, 151
Decimal	10141299
CIELab	73.00, -25.15, 33.98
CIELCh	73, 42.275, 126.512
Yxy	45.1644, 0.3387, 0.4368
Android (android.graphics.Color)	4288331379 (0xFF9ABE73)
YUV	170.6860, -27.4532, -14.6336
Hunter-Lab	67.2044, -24.5789, 26.5676

Details

The CIELCh color **73, 42.275, 126.512** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55, 44.847, 310.381**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 42.012, 126.653**, and **53, 42.195, 126.491** is the 20% darker color. If you saturate the color by 10%, you get **72, 52.468, 126.078**, and if you desaturate by 10%, it is **74, 31.723, 126.993**.

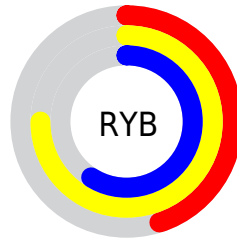
Distribution



Red (60%)

Green (75%)

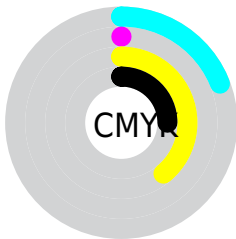
Blue (45%)



Red (45%)

Yellow (75%)

Blue (59%)

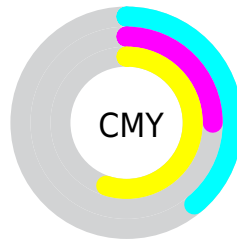


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (39%)


Magenta (25%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.275, 126.512 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, 42.275, 126.512 by changing the saturation by 10% instead.


 73, 42.275,
126.512


 73, 42.275,
126.512


 100, 42.275,
126.512


 63, 42.275,
126.512


 93, 42.275,
126.512

 53, 42.275,
126.512

 43, 42.275,
126.512

 33, 42.275,
126.512

 23, 42.275,
126.512

 13, 42.275,
126.512

 3, 42.275, 126.512

0, 42.275, 126.512

73, 42.275,
126.512

73, 42.275,
126.512

72, 52.468,
126.078

74, 31.723,
126.993

71, 62.049,
125.743

75, 20.977,
127.481

71, 70.674,
125.597

76, 10.157,
127.957

70, 77.901,
125.755

77, 0.654, 308.227

70, 83.287,
126.341

78, 11.399,
308.793

69, 86.845,
127.342

80, 22.035,
309.173

■ 69, 87.042,
127.400

■ 81, 32.534,
309.515

■ 82, 36.583,
312.768

■ 83, 37.673,
317.333

Harmonies

Complementary

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



73, 42.275, 126.512



55, 44.847, 310.381

Rectangle

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



73, 42.275, 126.512



73, 42.275, 176.512



73, 42.275, 306.512



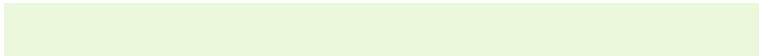
73, 42.275, 356.512

Sweetspot

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



73, 42.276, 126.513



96, 16.041, 127.826



65, 26.238, 67.094



51, 10.728, 127.763



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, 42.276, 126.513



91, 61.859, 126.144



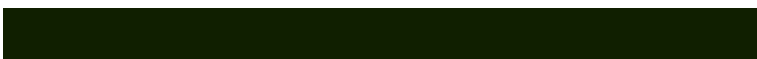
71, 48.849, 140.755



39, 6.077, 127.960



58, 75.683, 127.169



10, 19.015, 132.418

Inverse Universe

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



55, 44.847, 310.381



65, 66.571, 310.850



59, 48.883, 325.554



37, 6.163, 308.778



24, 87.559, 311.585



2, 18.020, 304.307

Previews

White Background



This preview shows how the CIELCh color 73, 42.275, 126.512 looks on a white background.

Color Contrast Check

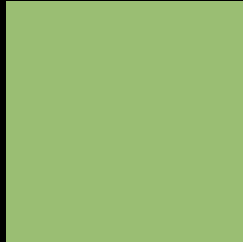
Large Text (above 18pt) WCAG AA × Fail

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, 42.275, 126.512 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, 42.275, 126.512

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.275, 126.512.



This preview shows how white text looks on a background with the CIELCh color 73, 42.275, 126.512.

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, 42.275, 126.512

Protanopia
73, 36.921, 95.940

Deuteranopia
73, 33.462, 74.147



Tritanopia
73, 9.153, 255.553

Trichromacy



Original Color
73, 42.275, 126.512

Protanomaly
73, 37.155, 108.473

Deuteranomaly
72, 32.699, 96.575

Tritanomaly
73, 12.863, 149.149

Monochromacy



Original Color
73, 42.275, 126.512

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 15.529, 127.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.275, 126.512 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(154, 190, 115)` looks like.

```
.text, #text, p{  
    color:rgb(154, 190, 115)  
}
```

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(154, 190, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 190, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.275, 126.512 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(154, 190, 115) }
```

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

```
.border{ border-color:rgb(154, 190, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 190, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 190, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 190, 115);  
box-shadow:4px 4px 4px 4px rgb(154, 190,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.275, 126.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 190, 115) }
```

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

```
.background{ background-color: rgb(154,  
190, 115) }
```

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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